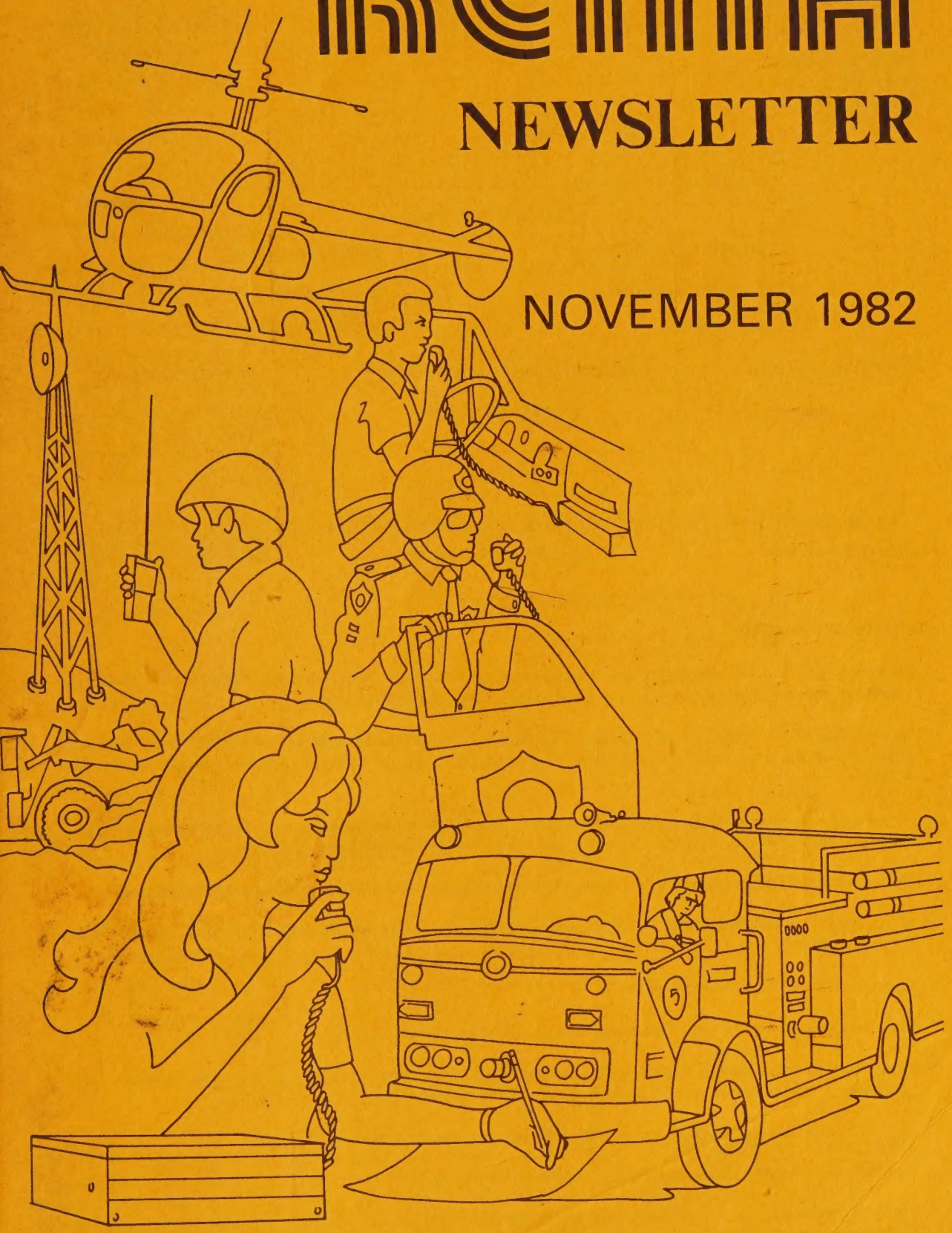
RCMA

NEWSLETTER

NOVEMBER 1982



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OF MONITOR RADIO LISTENERS

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FOR YOUR INFORMATION:

1. All club business, unless otherwise noted, must be addressed to R.C.M.A., P.O. Box 4563, Anaheim, CA 92803. This includes matters that relate to renewals, changes of address, newsletter delivery problems, etc.

2. Input to the RCMA Newsletter must be mailed to the proper editors, whose addresses are included in the individual column headlines. If no particular column seems appropriate, send input to RCMA, 1 West Potomac, Williamsport, MD 21795.

3. To forward a letter to a specific RCMA member whose address you do not know, put your message to that person in a stamped envelope with your return address on it; mail to RCMA, P.O. Box 408, Earp, CA 92242.

4. Please include your RCMA membership number with all correspondence to newsletter editors or club headquarters.

5. If you require a reply when writing to RCMA headquarters or to one of the editors, you MUST enclose a self-addressed, stamped envelope.

6. Please write on only one side of the paper.

7. Please don't combine in one letter several items that should go to different addresses.

8. If you want to type what you submit to the newsletter, please don't exceed a seven-inch column width and please single space. Doing this may save an editor from having to retype the material. Please don't use script type.

9. Your RCMA membership number and expiration date appear on your newsletter mailing label.

10. You may join or renew your membership for ONLY one year at a time.

11. The RCMA Newsletter accepts paid advertising. If you would like to place a paid ad, please write to the following address for our advertising guidelines: RCMA Newsletter, P.O. Box 13602, St. Louis, MO 63138

RCMA NEWSLETTER
Issue 80 November 1982
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RCMA, P.O. Box 4563, Anaheim, CA 93803

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The RCMA Newsletter is published monthly by members of the RADIO COMMUNICATIONS MONITORING ASSOCIATION, P.O. Box 4563, Anaheim, CA 92803. Subscription rate/membership fee is $16.50 for U.S. residents. For persons in other countries, the following rates apply: Canada and Mexico—$18.50; Europe—$20.00, South Pacific and Asia—$21.50. These dues are payable in U.S. funds and are subject to change. Information contained herein is obtained primarily from members and does not necessarily present the position or reflect the opinion of RCMA as a whole. The RCMA does not necessarily recommend or endorse products or services advertised herein. The publication is copyrighted ©
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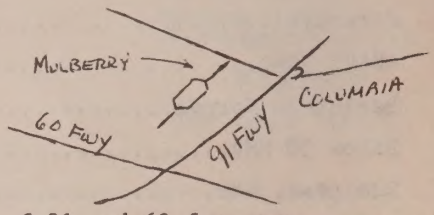
** Calendar **

Send notices of upcoming events for the Calendar section to:
John Clark, RCMA, P.O. Box 4563, Anaheim, CA 92803.
Please send notices well in advance of the Newsletter deadline.

Greater L.A. Area R.C.M.A. Eric Christensen CALA045 Presiding
--Meetings tentatively scheduled each third Friday of the month--



October 16 SATURDAY 10 A.M. Tour
U.S. Forest Service South Zone
CDF Region 6 Headquarters
2524 Mulberry, Riverside, CA
(located about 1/2 mile from junction of 91 and 60 freeways
Thomas Broths Riverside map page 7 E3 off ramp hard to see but
the talk-in are frequencies 145.46, 223.76, or 449.875)

November 19 FRIDAY 7 P.M. Tour
LAX Control Tower Los Angeles International Airport
Cameras and/or Video allowed but NO Flash equipment

December 17 FRIDAY Meeting at Mercury Savings and Loan, Valley View and
Lincoln, Buena Park, Ca 8:00PM. 2nd Floor. Elevator in back.

Topic still open

January 21 FRIDAY 8 P.M. Tour
NET 6 Fire Communications Center Huntington Beach

R.C.M.A. Chicago

Contact Edward Robert Sirovy IL-004 312 969 2856
311 S. Williams Street, Westmont, Il 60559

Meetings: NANCINI'S Resturant 5555 St Charles Road, Berkeley, Il
two blocks east of St Charles Road exit from Eisenhouer
Expressway Extention I-290 (phone 312 544 7277)

November 13 1982 Saturday 1:00 PM

A SASE on file assures notification of tours and other items which
may be scheduled on short notice.

R.C.M.A. Connecticut Chapter

Contact Bill Moore CT 038 203-223-0840
950 Farmington Ave, New Britain, CT 06051

Southern New England Scanners Club is forming

Contact Maurice Dandeneau RI 017 401-828-1641
P.O. Box 7052, Warwick, RI 02887

COLUMN EDITORS COMMENTS

1. I have difficulty in posting what I have not received. If you have any radio club news, please send it to me at the above address. If you get it to me by the 10th of the month it should make the next months mailing.

2. As producer of the New Members List I must apologize for the typos that do occur and for the fact that I left off the following person from the list a while ago.

OH 105 Bicking, Gerald 4448 Navajo Trail Jamestown, OH 45335

Reports of Meetings and Officers

Send reports (informal accounts) of RCMA meetings, gatherings, etc. which have occured to:
John Clark, RCMA, P.O. Box 4563, Anaheim, CA 92803.

DFW/RCMA

1111 N. Carrier Parkway, #B-107,

Grand Prairie, Texas 75050

September 5, 1982

Dear Fellow Member;

It is with deep regret that this letter is being written. Due to many factors as briefly reported below the RCMA DFW Metroplex chapter is now officially dissolved.

Many factors have contributed to the chapters demise. The major factor was a newsletter editor who could not maintain control of his publishing dreams. Instead of letting the newsletter grow with the chapter, the newsletter grew out of proportion to the local chapter membership and support. The original intent of the newsletter was to inform local members of meetings dates/times. When the editor stepped forward and volunteered his services this was the intent given him for the newsletter being. He could never quite see this and as those of you who have followed us from the beginning know our one page xerox locally typed newsletter turned into a 12page offset/typeset newsletter in less than 6 months.

Local support has always been a problem here. No one really wanted to help and provide input outside a circle of about 6 people. Local people only recieved bulletins and showed up for meetings. We even had trouble getting people to send their SASE's in to us so they could continue to recieve their free bulletins. (Texas sun does strange things to the brain).

Finally, the National organization support has been lousy.Past the fact the chapter was listed every month in the main newsletter and the different editors gave us frequent mentions in their columns, there is no organized assistance from the national organizations on local chapters. Someone out in California needs to take the bull by the horns and realize that in a group the size of the RCMA, local chapters can be the backbone of your organization. In order for local chapters to flourish the National RCMA Hdqrts needs to better organize structure and support local chapters.

To those of you who have sent money and SASE's, these are being returned to you with this letter. From this time forward the above address is no longer acting as agent/representation of the DFW Metroplex chapter. It is the hope this letter will serve not only to explain the the demise but also to serve as lessons learned for others to follow.

The local group will continue to meet informally every so often with the intent to pass pertinent information on scanning in the DFW area. We will be limited to those who provide information for the whole use not just take and never provide.

Again, I regret the demise of our chapter and hope all will understand what has happened.

Sincerely,

Larry Van Horn

Larry Van Horn

The Dallas/Fort Worth Chapter Of The Radio Communications Monitoring Association

THOUGHT waves

Ginny Slick, RCMA Assistant Editor, 7 West Potomic, Williamsport, MD 21795

Now, I know that you're beginning to think about turkeys and giving thanks, but as I sit down to write this, it is an early September morning and the school bus has been traveling this country road for some days. We have had some very cool evenings and clear see-forever days, and my thoughts are turning toward education. So I thought that you might like a lesson in how we get the newsletter together and out to you. Before I had this position I used to wonder how it ever got out with the staff unable to meet with each other. But it does get done and it seems to be coming together, especially this month when we hope to have most positions filled.

Flip through these pages and note the addresses of the column editors. We have them scattered throughout the United States and Canada. The majority of these editors spend the better part of each month waiting. They are waiting for the mail to come in with contributions from YOU. We feel that the columns can only be good when they reflect your interests and listening habits. We probably wait longer than we should just to try and get more reader reponse in each column.

Toward the end of the month we eventually realize that it will soon be deadline and "that's all we're gonna get". We begin to organize the material and following certain guidelines, we type it up. Editors are responsible for turning in a finished product that is in line with RCMA policy; so when you see those typos or misspelled word, we have to take the blame. (A quick look through my September issue didn't turn up as many as one might expect!) Applause to you all!

Today is September 2nd. We are all in the process of preparing a column for the November issue. The copy needs to reach Carol by the 10th of the month. If all goes well (no lost copy!) Carol begins to get a lot of mail; we relax and she goes into action. She organizes, cuts, fits and pastes it into something readable and attractive. Then she takes it to the printer.

I confess to a shameful lack of knowledge as to what occurs next. (Larry Short, forgive me.) I'd guess that the mailing committee labels and sends them out to YOU. That's a very short sentence for what must be a difficult task, since the newsletter, like Topsy, just grows and grows.

And now, students, please take out your pencils and prepare for a pop quiz. The first (and only) question is: With whom does the newsletter begin and end? That's right! With YOU. Need I say more? Happy Hunting.....

Ginny

RCMA EDITORS AND MEMBERS. . .

The end of Ginny's column is a good spot from which to communicate to you this month, as she mentions some important things. One is the newsletter deadline: COLUMNS ARE DUE BY THE 10TH OF THE MONTH for a publication date two months later. Another is the newsletter mailing: MAIL REGARDING YOUR RCMA NEWSLETTER SUBSCRIPTION AND DELIVERY should be sent to Jerry Short, Mailing Committee Chairman, P.O. Box 4563, Anaheim, CA 93803. See this month's center insert for more on this subject.

For financial reasons, the newsletter length will not exceed 80 pages for the next three issues. Members, don't stop sending in material; as Ginny says above, the RCMA Newsletter is YOU. The fact that a few upcoming issues will be shorter than the average length of recent newsletters simply means that some of

you will wait a little longer to see your contributions printed.

The Newsletter has an editorial post vacant: any RCMA member in good standing who is interested in becoming editor of the AIRCRAFT Column, please write to Ginny Slick, 1 West Potomac, Williamsport, MD 21795.

Carol Ruth
RCMA Managing Editor

YOUR THOUGHTS

1 West Potomac, Williamsport, MD 21795

THE
EMERGENCY NOTIFICATION
ASSOCIATION
OF METROPOLITAN NEW YORK
(ENANY)
Post Office Box 741
Ridgewood, New Jersey 07451-0741

Summer, 1982

Dear Fellow Scanner Enthusiast:

Thank you for your recent inquiry about ENANY.

We are happy to report that ENANY is now in full operation on 462.700 MHz 24 hours a day, 7 days a week. Please enter this frequency into your scanner and give us a listen.

ENANY units identify themselves by means of unique 4 digit ID numbers. Our shared repeater system is currently located at Broadway and Chambers Street in Downtown Manhattan and provides excellent coverage to areas within a 25 mile radius of that location.

Should you wish to become an active member of our group, you are more than welcome to join. You would be responsible for the purchase of your own mobile or portable two-way radio communications equipment. Please call our New Jersey Control Center on (201) 652-5252 any evening between 8-10 p.m. only for technical assistance and/or the names of "friendly" two-way radio suppliers in your area. Reasonably priced used equipment, "ready to go", is also available from some members.

We look forward to hearing you on the air or talking to you on the phone soon! Thanks again for writing.

ENANY

We always hear it first!

To the editor:

Since R.M.C.A. is an "all wave" radio club; I think my fellow members would benefit from some books which deal with information about stations in the T.V. AM F.M. broadcast bands.

First, I recommend Spot Radio Rates and Data. This publication is used by people who wish to buy air time. Radio hobbyists will also find it useful because it lists:

- Almost all radio call signs for stations in alphabetical order.
- Power output and antenna elevations.
- Station addresses.
- Station program formats (very useful for people who travel cross-country and want to listen to a certain type of music, news, talk-radio, etc.).

Most public libraries have this book in their reference section. Since it is updated monthly, old copies are thrown away. Try to pursuade the head librarian to save a copy for you. Also available is Spot Television Rates and Data.

Another unusual set of publications are titled: Broadcasting Stations of the World. This set is divided into four parts.

Part I: A.M. stations all over the world (except the U.S.) listed by country and city.
Part II; A.M. stations listed by frequency
Part III: F.M. stations listed the same way as I and II.
Part IV: Televison stations (similar to Part III).

This set of books is published by the Foreign Broadcast Information Service; Washington D.C. 20505. They can be purchased from the Superintendant of Documents; U.S. Government printing Office, Washington D.C. 20402. I do not know what the current prices are.

Have fun with both sets of books!!

Neal (CA-LA-385)

Following are excerpts from a letter written by Gordon West. Lack of space this month precluded our publishing the letter in its entirety. - Editor

Dear Members:

Here is an update on the CB radio publication scene. From the tremendous number of letters I received, I know many of you are wondering about your subscription.

As an editor of the magazine, I, like you, am only looking in from the outside. Publishers who own and operate a magazine are the ones responsible for subscription fulfillment, advertising, and whether or not a magazine will continue to be published.

In April, CB RADIO TIMES Magazine (formerly CB Magazine) took over S-9 Magazine. They mailed all S-9 subscribers a belated May issue.

Now the bad news. CB RADIO TIMES, combining S-9 with them, have announced to their advertisers a temporary suspension of their publication.

Now it will be up to the publishers and the Post Office Department to make good your unfulfilled subscription. Possibly they may continue the magazine this fall. Possibly they may sell the magazine, and you will receive a different type of hobby radio magazine. Phone calls and letters to the magazine probably won't help. You and I will just have to wait and see what happens.

You will now find that the RCMA Bulletin will soon be your best source of information regardless of what type of radio you have! It always has been, and will continue to be.

Southern California hobby radio enthusiasts may wish to give me a phone call if they're looking for some brand new radio equipment at rock bottom prices. I have over six years of new equipment gathered here that we have tested for the magazines. All the equipment is new and paid for, but I am letting it go at a fraction of my cost. I have scanners, CB radios, "amateur radio" amplifiers, antennas, un-scramblers, converters, preamps, station antennas, radar detectors, radar jammers--if it works on a radio band, I have it here.

I am more than willing to let RCMA members get first crack at this gear at ultra-low pricing. Give me a phone call week days (714) 549-5000.

Thanks for hanging in there with us, and as soon as I know more information, I'll let you know. Sincerely yours,

Gordon West, WB6NOA

ASSOCIATION OF NORTH AMERICAN RADIO CLUBS
NEWS HIGHLIGHTS

ANARC is a federation of the most responsible, well established radio listening clubs in North America. RCMA attained Full Member status in ANARC in 1977. For a list of the ANARC Member and Associate Member clubs send a self-addressed, stamped business size envelope with your request to the address below.

For an annual subscription to the ANARC Newsletter, send $5 to:
Joe Barr, 1500 Bunbury Drive, Whittier, CA 90601. ($8 overseas subscription.)

As a result of the 1982 ANARC Convention and other discussions, the following assignments have been made:

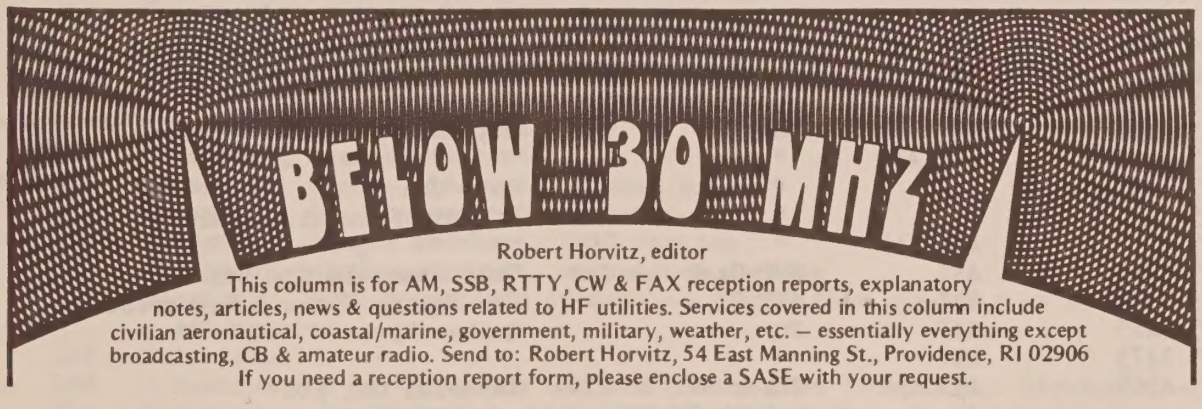
Joe Barr is the new editor-in-chief of the ANARC Newsletter
Terry Colgan is the permanent club news letter editor
Jeff White will continue as ANARC public relations officer

ANARC Frequency Recommendations Committee is being reactivated. Anyone desiring information on the committee's scope of activities should send a SASE to Chairman F.R.C. Jim Conrad, 545 Kirkwood Ave, Waterloo, Iowa 50701

United States DX Association USDXA has a new address.
1030 F Brentwood Way, Atlanta, GA 30338

Association of DX Reporters is replacing the recently discontinued Newark News Radio Club. data is available for a SASE. Address is 7237 Fairbrook Road, Baltimore, MD 21207

International DXers club of San Diego, 1826 Cypress St, San Diego Ca 92154 has a supply of International Reply Coupons. Send a SASE and 35 cents each or $1.00 for three.



Robert Horvitz, editor

This column is for AM, SSB, RTTY, CW & FAX reception reports, explanatory notes, articles, news & questions related to HF utilities. Services covered in this column include civilian aeronautical, coastal/marine, government, military, weather, etc. – essentially everything except broadcasting, CB & amateur radio. Send to: Robert Horvitz, 54 East Manning St., Providence, RI 02906
If you need a reception report form, please enclose a SASE with your request.

In the September issue I excerpted parts of a long list from Guy (CAN-031), forwarded by Rob Berezowski. Somehow I overlooked 2 RCMP frequencies:

4.785 NWT Man PQ Ottawa(Ont) Washington (DC)
10.390 Ottawa(Ont) Paris(France)
} A1 emissions

More Domestic Canadian Assignments from Guy

MHz	Emission	Site	Licensee/use
1.792	A3	Ont PQ NB NS Nfld	Cda Min of Transport (MOT)--Aids to Nav Marine, point-to-point
2.1049	A3A A3J A3H	NWT BC NB NS Nfld PEI	Cda MOT--Aids to Nav Marine
2.1194	A3A A3J	Atlantic Gt Lakes	Ships
2.2015	A3J A3H	BC	Cda MOT--Aids to Nav Marine
2.206/2.5834	A3	East Coast	Ships
2.2074/2.5834	A3J	" "	"
2.237	A3	" "	"
2.2475	A3J	Yukon NWT BC Alta	Cda Indian Affairs & Northern Devpmt
2.3194	A3J	Pacific Coast	Environment Cda
2.340/2.458	A3	" "	Ships
2.508	A3	NWT PQ	Cda Indian Affairs & Northern Devpmt

2.5675	A3H A3J	Yukon BC Ont PQ Nfld	Canadian Nickel Co Ltd
2.5985	A3J	Pacific Coast	Environment Cda
2.6175	A3H A3J	Yukon NWT Pacific Coast	" "
2.6215	A3H A3J	NWT Alta Sask Ont PQ Nfld	Shell Resources Cda Ltd
2.670	A3	Great Lakes	Ships to contact US Coast Guard
2.8465	A3J	Pacific Coast	Environment Cda
3.1915	A3J	Atlantic Coast	" "
3.2995	A3H A3J	NWT PQ	Bell Cda
3.3685	A3H A3J	PQ	Que Dept Natural Resources
3.500/3.510		All-Canada	Civil Defence
3.990/4.000		"	" "
4.474	A3J	Yukon NWT BC Alta Sask Man Ont PQ Nfld	Cda Energy Mines & Resources
4.520	A1 A3	Ont	Ont Min Natural Resources
4.535	A3	"	" " " "
4.5365	A3H A3J	"	" " " "
4.554	A3H A3J	Yukon BC Nfld	Environment Cda
4.580	A3	Ont	Ont Min Natural Resources
4.6255	A3J	PQ	Hydro Quebec
4.6305	A3H A3J	NWT PQ	Bell Cda
4.8355	A3H A3J	NWT Man Ont PQ	Hudson's Bay Co
4.8385	A3H A3J	" " " "	" " "
4.880	A1 A3	Ont	Ont Min Natural Resources
4.8815	A3H A3J	"	" " " "
4.8835	A3J	Ont	Hydro Quebec
4.885	A1 A3	Yukon NWT BC Alta Sask	Cda MOT point-to-point
4.8865	A3J	Yukon BC	Cda MOT point-to-point
4.982	A3	Yukon BC Ont PQ NB NS Nfld	Cda Energy Mines & Resources
4.9835	A3H A3J	Yukon BC NWT Alta Sask Man Nfld	" " " "
4.9835	A3H A3J	PQ	Que Dept Natural Resources
4.9835	A3J	NS	Environment Cda
5.124	A3J	Pacific Coast	" "
5.170	A3	Ont	Ont Min Natural Resources
5.1715	A3H A3J	"	" " " "
5.1855/4.9645	A3J	"	Bell Cda
5.240	A3	"	Ont Min Natural Resources
5.2415	A3H A3J	"	" " " "
5.2895	A3J	NWT Sask Man Ont	Gulf Minerals Cda Ltd
5.3415	A3J	NWT PQ	Cda Energy Mines & Resources
5.3465	A3J	PQ	Quebec Hydro
5.3475	A3J	"	" "
5.4365	A3H A3J	Yukon NWT BC Alta Sask PQ Nfld	Imperial Oil Ltd
5.540	A3	Ont	Ont Min Natural Resources
5.5415	A3H A3J	"	" " " "
5.925	A3J	Sackville NB/Lahr	CBC Shortwave to CFB Lahr (W Germany)
6.7715	A3J	PQ	Quebec Hydro
6.830	A3	PQ/St Pierre Isl (France)	Teleglobe Cda
7.3065	A3H A3J	PQ	Quebec Hydro
7.3475	A3J	NWT BC Alta Sask Man Ont PQ Nfld	Cda Energy Mines & Resources
7.4015/7.5475	A3J	Ont	Bell Cda
7.5555	A3J	Ont NS	Cda Dept of Communication
9.0815	A3H A3J	Ont PQ	Austin Airways Ltd
9.172	A3	Ont	Ont Min Natural Resources
9.1735	A3H A3J	"	" " " "
9.3895	A3J	Ont NS	Cda Dept of Communication
9.3925	A3J	" "	" " " "
9.445	A3J	Sackville NB/Lahr	CBC Shortwave to CFB Lahr
9.813	A3J	Atlantic Coast	Environment Cda
11.6415	A3H A3J	Ont PQ	Austin Airways Ltd
12.1265	A3J	NWT Pacific Coast	Environment Cda

13.714	A3J	Ont NS	Cda Dept of Communication
13.7175	A3J	" "	" " " "
13.745	A3B	PQ/Moscow USSR	Teleglobe Cda
14.3925	A3A	PQ/St Pierre Isl	" "
18.180	A3B	PQ/Moscow USSR	" "
19.295	A3B	" " "	" "
19.5725	A3J	Ont NS	Cda Dept of Communication
20.5295	A3J	" "	" " " "
22.8345	A3J	" "	" " " "
23.0685	A3J	" "	" " " "
25.1475	A3J	" "	" " " "
25.1505	A3J	" "	" " " "
27.655	A3	all Cda	Environment Cda
27.800	?	" "	Civil Defence-General
28.550	?	" "	Civil Defence
29.450/29.650	?	" "	" "
29.920	A3	" "	Cda Hydrant Svc Ltd

In addition to the above, Guy has compiled a 4-page list of Canadian CW assignments. You can obtain it by sending me a SASE with your request plus a 20¢ stamp to cover the cost of photocopying.

.....

Having just dumped another load of alphabet soup (A3H, A3J) in your laps, now's the best time to say that that method of designating radio emissions has been superceded! WARC-79 adopted a new system, and according to Rick Matthew (CAN-002), the ITU and FCC began using it at the start of 1982. Rick says, "Up to 9 letters and numbers can now be used to ID types of modulation! For example 2K70J3EJN: amplitude modulation, telephony (commercial quality) single sideband suppressed carrier (single channel) bandwidth 2.7 kHz!! Or just J3E for the basic way." That's progress, I guess. Anyway, thanks for sending the following, Rick:

New Emission Designations

Old	New	Description
A0	NON	With no modulation
A1	A1A	Telegraphy, without the use of modulating audio frequency (by on-off keying). For aural reception
A2	A2A	Telegraphy, by the on-off keying of an AM audio frequency (or frequencies), or by the on-off keying of the modulated emission (special case: an unkeyed AM emission)
A3	A3A	Telephony, double sideband
A3A	R3E	Telephony, single sideband, reduced carrier
A3B	B8E	Telephony, two independent sidebands
A3H	H3E	Telephony, single sideband, full carrier
A3J	J3E	Telephony, single sideband, suppressed carrier
A4	A3C	Facsimile, with modulation of main carrier either directly or by an FM sub-carrier
A5	A3F	Television
A9B	B9W	A combination of telephony and telegraphy (two independent sidebands)
F1	F1B	Telegraphy, by frequency shift keying without the use of a modulating audio frequency: one of two frequencies being emitted at any instant. For automatic reception
F2	F2B	Telegraphy, by the on-off keying of an FM audio frequency or by the on-off keying of an FM emission (special case: an unkeyed FM emission)
F3	F3E	Telephony, by direct frequency modulation of the carrier
F4	F3C	Facsimile, by direct frequency modulation of the carrier
F5	F3F	Television

A complete description of the new classification system can be found in the ITU Radio Regulations (1979), Article 4.

.....

Rick also noted that the list of Long Distance Operational Control (LDOC) frequencies appearing here last July (taken from the Federal Register) was incomplete. For some reason, over half of the LDOC channels allocated to North America were omitted--perhaps because they weren't assigned to US air carriers? Whatever the reason, here is Rick's list, presumably copied from some ITU/ICAO document:

The New Worldwide LDOC Allocations Taking Effect on Feb 1 83

Wl--Europe/USSR: 3.010 4.654 4.687 5.529 5.532 5.535 5.541 6.637 6.643 8.921 8.924 8.930 8.936 10.027 10.030 10.069 10.072 10.078 11.345 11.351 13.324 13.327 13.333 13.336 13.342 13.345 13.351 17.916 17.922 17.931 21.940 21.946 21.952 21.958 21.967 21.973 21.979 21.988 21.997

Below 30 MHz continued

W2--North America: 3.007 3.013 3.494 3.497 4.654 4.687 5.529 5.538 5.544 6.637 6.640 6.646 8.927 8.933 8.936 10.027 10.033 10.075 11.342 11.348 11.354 13.330 13.339 13.348 17.919 17.925 17.934 17.940 21.964 21.985

W3--Southeast Asia*: 3.007 4.687 6.637 8.921 8.930 10.072 10.078 11.342 11.351 13.324 13.333 13.342 13.351 17.916 17.922 17.928 17.934 17.940 21.949 21.970 *including Australia & the South Pacific

W4--Central & South America: 3.010 5.535 5.541 6.643 8.924 10.030 10.069 11.345 13.327 13.336 13.345 17.919 17.928 17.937 21.955 21.976 21.991

W5--Africa & Middle East: 3.013 5.532 5.538 5.544 6.640 6.646 8.927 8.933 10.033 10.075 11.348 11.354 13.330 13.339 13.348 17.925 17.931 17.937 21.943 21.961 21.982 21.994

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Notice how editing this column amounts to waging a perpetual battle against information obsolescence? It's hopeless!!--but educational.

Larry Smith's puzzling list of Detroit HF assignments (Sept. issue) brought this comment from Bob Grove: "Those HF assignments for Detroit are obsolete; most are the old police band... The last use of HF for police was in Los Angeles during the Watts riots. None is used any longer. The 27 MHz stuff is similarly abandoned because of CB usage (26.965-27.405 MHz)."

Tom Kneitel adds: "Some are actually microwave listings and shouldn't have been listed as kHz, such as WRLT4750 and WRLT4770 which operate on 1950 MHz... The KQB49 listing [City of Detroit] is for participation in a police RTTY net which is used between various cities. The 27 MHz listings are from the daze [sic] when the FCC was licensing various radio services there prior to the band being reallocated to the CBers. If those stations still have valid licenses, it's questionable if they are in use anymore. His KBM896 [Clafton and Keating] was one of those oddball stations--the FCC assigned that call in error to two different licensees, one in Michigan and the other (on VHF high band) to a company in North Carolina. In any event, neither station has a currently valid license..."

Thanks to a tip from Fred Maia's W5YI Report, I found that the Federal Register of Oct 27 81 amended the CFR to delete the Police Radio Service's channels below 8 MHz--including those that had been assigned to KQB49, City of Detroit. An FCC survey found that there were "only 8 police licensees--all in the fixed service--but they have been inactive for at least 5 years." The FCC was moved to delete the old PRS assignments in order to increase the HF spectrum available for use by the states in a new nationwide domestic disaster/emergency-response program called "Operation SECURE" (State Emergency Capability Using Radio Effectively). I'm preparing an overview of Operation SECURE for an upcoming column.

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In Print

The Air Force Communications Command: Providing the Reins of Command, 1938-1981--An Illustrated History. Thomas S. Snyder, General Editor. 245 pages, 1981. For Air Force communications buffs, this book is a "must buy"--and a bargain at only $5.30 postpaid (send checks made out to "US Treasury" with your order to: AFCC/HO, Scott AFB, IL 62225). Assembled by the AFCC History Office, the text covers the establishment of the Army Airways system just prior to WW2, its wartime expansion, postwar restructuring, the origin of the Military Affiliate Radio System (MARS), the war in Vietnam, the introduction of satellites, AUTODIN, the NAVSTAR global positioning system, and dozens of other mundane and exotic info tech projects. Emphasis is on the evolution of AFCC as an institution--i.e., bureaucratic history rather than technology--and at times, frankly, it manages to turn inherently exciting moments into very drab prose. But the reason to buy this book isn't the writing so much as the pictures--17 in color, several hundred in b/w. Paperback, 8½" x 11".

Confidential Frequency List, 5th edition, by Oliver P. Ferrell. 225 pages, 1982. $9.95 cover price--may not include shipping--from: Gilfer Associates, Inc., PO Box 239, 52 Park Ave., Park Ridge, NJ 07656. This new edition of an established reference is also a "must buy". Twice as thick as the previous edition, covering nearly 9000 entries (compared to 6000+ in the previous), it's the HF equivalent of Tory Peterson's field guides to birds: a classic as admirable for craftsmanship and design as for content. This edition has a sort by callsign, following the main list which is in frequency-order. Also new--available separately--is an update service published on 5¼" Lanier-compatible floppy disks, with additions, deletions & corrections to the CFL; issued monthly, price on request. A new RTTY list due out Nov.

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And finally, speaking of Perry Ferrell, I got a nice letter from him commenting on the OTH-B radar and signals that might be erroneously blamed on it: "After all

of the 1981 tests, the almost complete absence of interference reports surprised all of the agencies involved in the design and operation. The hysteria brought out numerous complaints about interference that could not be attributed to the USAF OTH-R. There was a gimmick to the initial transmissions that enabled the USAF to determine whether or not a complaint was legit... I probably have one of the very few 'verifications' of the Maine OTH-R signal--dated in April, 1981.

"The HF spectrum is full of peculiar signals--many of which are unintentional. One that amuses me is a continuous signal that sweeps down frequency from 30 MHz to 19-21 MHz. One can see this signal on a panoramic display. It is extremely strong. The signal appeared in the early 1970s and was originally assumed to be some new venture of the Soviets. After several years it was discovered that this signal was coming from a Spanish plywood manufacturer! This particular manufacturer had a huge transmitter used for radio-wave heating of plywood glue, and as the glue hardened, so did the dielectric constant between the capacitor plates, thus detuning the transmitter. As each new piece of plywood was put into this furnace, the frequency moved, and the process was repeated about every 10 seconds."

A D D E N D A : After mailing the above 4 pages to Carol, I found two important articles about the OTH-B radar in Aviation Week & Space Technology, which Carol has graciously allowed me to sum up briefly: August 16th issue carried a long article essentially duplicating what you read here in the "September" issue, but adding new details. It's expected to take 49 months to get the whole 180° East Coast system operational. GE's contract covers the first 10 months. Cost of construction is much higher than I estimated: "Anticipated price of the first 60° sector is $240 million, subject to final negotiation." Don't know if that includes the receiving station, but if it does and the other five sectors cost as much, the 360° system would cost a whopping $1.44 billion! The 12 Continental Electronics HF transmitters for each sector are rated at 90 kW each. The existing ERS site has its own 7.5 megawatt power substation. "Typical electric power bills at the transmitter site during peak system tests ran to about $18,000-22,000 per month." Harmonics are anticipated as a problem when the system goes operational. Frequencies over 21.8 MHz will be protected, according to AW&ST, because the 5th harmonics (ie, 109+ MHz) fall into the VHF navigation band, and five nearby VOR stations, operating between 110.4 and 117.9 MHz, are threatened. The article said sites for the West Coast system haven't been chosen yet. "USAF also plans to look for a southern site."

If you recall, I ended my OTH-Rticle with a plea for the Air Force and Navy to get together, in hopes they would find the project unnecessary & redundant. The Aug 23rd issue of AW&ST announced that USAF & USN are getting together--because they both want lots more OTH radars!: "The Navy budget includes an added $49 million for sea lane defense programs in Fiscal 1984, and that increases to $169 million in Fiscal 1985, $145 million in Fiscal 1986, $192 million in Fiscal 1987, and $189 million in Fiscal 1988. The increased funding in this area of the budget is to accelerate development of a prototype transportable over-the-horizon radar started in the integrated tactical surveillance system program. The sea service will create and manage a joint service project office to supervise development and acquisition of the operational radar system to provide coverage of Iceland and Norwegian sea areas as well as other regions. The Navy will join the Air Force and Defense Dept. to determine the proper force mixture of the over-the-horizon radar and radar spacecraft for both strategic and tactical applications. The initial report is to be submitted to the Pentagon by November. The first two OTH radar systems will be procured in Fiscal 1985, with construction of an automated command center in Iceland." CU nextmonth!

Business, Etc.

This column is for reporting frequency and radio system information for the following varied services: business, forest products, petroleum industry, special industrial, manufactureers, news media (behind-the-scenes radio, TV & newspaper), motion picture industry, security (private patrol, detective agencies, campus security & police, amusement park & stadium security, shopping center & mall security, plant/business/hotel security, etc.), General Mobile Radio Service (GMRS), mobile phone/RCC & paging, trucking firms, bus lines, taxi cabs, tow trucks, utility companies (private & municipal water, power, electric, gas, telephone, etc.), and all school & college related frequencies. Send information and questions pertaining to the radio services covered in this column to:

Larry Smith, 1223 Vinsetta Blvd., Royal Oak, MI 48067.

GREETINGS, AND WELCOME TO ANOTHER BUSINESS, ETC. COLUMN. THIS MONTH WE HAVE AN ARTICLE FROM ONE OF MICHIGAN'S EARLIER MEMBERS [JIM MI-044]. HE USES A COMPUTER TO CONSOLIDATE HIS INFORMATION AND KEEP IT HANDY FOR RECALL TOO, WHICH IS THE COMING THING THESE DAYS. WHEN MEMBERS SEND IN INFO LIKE THIS, NICELY TYPED OUT I RUN IT AS IT IS SENT, WHICH LETS

THE PERSON KNOW HE DID A GOOD JOB. WE ALL RECOGNIZE OUR OWN STYLE AND I PREFER TO GO THIS ROUTE THAN HOW OTHER EDITORS DO IT. THANKS ALOT JIM FOR THIS MOST INTERESTING LIST AROUND THE ANN ARBOR, MICH. AREA AND HOPE TO HEAR FROM YOU AGAIN IN THE NEAR FUTURE.

WE ARE CUTTING DOWN FOR THE TIME BEING, ARTICLES OF LENGTHY SIZE TO HELP OUR [THE CLUB] EXPENSES. THIS COLUMN WILL BE SHORT FOR THIS REASON FOR A FEW MONTHS UNTIL WE ARE ABLE TO GET AHEAD, BUT WILL STILL HAVE THE INPUT SENT IN FROM ALL OF YOU THAT WILL FIT IN. DON'T LET THIS HINDER YOUR WANTING TO SEND IN MATERIAL, AS WHEN WE GET THINGS GOING AGAIN, WE HOPE TO PUT AS MUCH TOGETHER AS BEFORE. THANKS AGAIN!! TO ALL WHO HAVE CONTRIBUTED TO THIS AND ALL THE OTHER COLUMNS TO MAKE THIS THE "MOST IMPRESSIVE NEWSLETTER IN THE WORLD OF MONITORING!!"

ANOTHER MONITORING TIP....MANY PEOPLE WONDER WHICH SERVICES USE RADIO AND THOSE THAT DO NOT. THE "YELLOW PAGES" OF YOUR PHONE BOOKS [WHERE THE ADS ARE LOCATED, AS SOME COUNTRIES USE OTHER METHODS], ARE THE BEST WAYS OF FINDING STORES, BUSINESSES/ COMPANIES, DELIVERY SERVISES, ETC. THAT USE RADIO ON THEIR DAILY ROUTINES. FOR THOSE IN THE UNITED STATES AND CANADA I CAN HELP OUT THOSE WHO FIND AGENCIES IN THIS MANNER. THE U.S. LISTINGS ARE MUCH EASIER THOUGH. OTHER PARTS OF THE WORLD WHERE THE NEWSLETTER IS SENT, YOU MIGHT MEASURE THE ANTENNA AND COME UP WITH AN IDEA OF HOW THE ANTENNA IS MADE UP TO FIND THE WHERE-ABOUT THE FREQUENCY MAY BE. CHECK IN BACK ISSUES OF THE NEWSLETTER TO FIND THE FREQ. BY ANTENNA LENGTH.

REGARDS,

LARRY [MI-001]

JIM [MI-044]

FREQS LIST 14

Ypsilanti Savings Bank	12.210	JIM-LOWELLS MARATHON	A2		43.000
U of M -A2 forestry	27.235	LARRYS STANDARD	A2		43.000
Motor Wheel Corp Ypsi	27.265	ELLOTT TRUCKING CO.	A2		43.000
Wm H. Nix Ypsi	27.410	W J SOPSICH	YPSI		43.000
Koch Broadcasting Corp. Ypsi	27.450	YPSI ASPHALT PAVING CO.			43.020
		E W GARLICK CO	A2		43.060
BREWERS NORTH CAMPUS GULF	30.500	FLAMEGAS CO	YPSI		43.080
SATELLITE AIRPORT PARKING ROMULUS	30.820	CLARK BLOCK & SUPPLY	A2		43.120
SAYERS GULF SERVICE	A2 30.680	YPSI CNTR FOR FORESNIC PSYCHIATRY			43.640
DEXTER BODY SHOP	30.880	STATE OF MICH CONSERVATION	CHELSEA		44.640
BASE LINE CO.	DEXTER 30.880	" " " " "	"		44.720
LOYS TV CENTER	A2 31.000	" " " " "	"		44.800
U OF M REGENTS	A2 31.160	NORTHFIELD TWNSHP	WHTMLKE		45.320
YPSI PUBLIC SCHOOLS	YPSI 31.240	STATE OF MICH	A2		45.440
H & H TOWING	YPSI 31.240	STATE OF MICH	YPSI		45.640
REGENTS U OF M	A2 33.140	MICH HWY MAINT	JXN/BRIGHTON		47.140
DETROIT EDISON	DETROIT 33.140	MICH HWY MAINT	BRIGHTON		47.260
CLAGUE MIDDLE SCHOOLS	A2 33.400	MICH HWY MAINT	JXN/BRIGHTON		47.320
REGENTS U OF M	A2 35.020	AMERICAN RED CROSS	A2		47.420
XEROX UNIVERSITY MICROFILMS	35.060	BROOKSIDE VET HOSP	A2		47.580
THALNER ELECTRONIC LABS	A2 35.040	CONSUMERS POWER	JXN		47.700
ALPINE HEATING & AIR CON.	WHTMLKE 35.060	" " " "			47.740
SANFORD SECURITY SERVICE	A2 35.098	" " " "			47.780
FEL-KRAN PLBG & HTG.	A2 35.100	" " "	HOWELL		47.840
GILLENTINES	YPSI 35.140	" " "	JXN		47.940
SOBERS TOWING	YPSI 35.180	S A N E			47.980
BILL & JIMS SERVICE	YPSI 35.700				48.000
MICH TRENCHING SVC	YPSI 35.800				48.020
H. FUERSTEIN DAIRY EQUIP	YPSI 35.880				48.040
MURPHY STONE BUILDERS	A2 35.900				48.080
PAULS 24HR TOWING	BRIGHTON 35.920				48.100
U OF M REGENTS	A2 35.940				48.120
KELSEY HAYES	A2 35.980				48.160
MOTOR HOME SVC	A2 35.980				48.200
SANFORD SECURITY SERVICE	A2 35.980				48.240
JACKS SERVICE	A2 42.960				48.280
MARKS BROADWAY MARATHON	A2 42.960				48.360
UNI CHIE EXCAVATING	YPSI 42.960				48.400
					48.440

MICH CONSOLIDATED GAS A2	48.460	NORTHWEST PROPANE BRIGHTON	151.535
	48.520	KERRY CONCRETE INC BRIGHTON	151.535
	48.560	WILLOW RUN SERVICES YPSI	151.535
GEORGES MOBILE BRIGHTON	150.815	ED BOULLION DEXTER	151.550
BREWERS NORTH CAMPUS GULF	150.830	TOWNSEND & BOTTUM A2	151.625
PETER SMITH YPSI	150.860	ONEIL CONST A2	151.625
SMITHS SERVICE CHELSEA	150.875	MANUFACT. DATA SYSTEMS INC A2	151.625
DANA CORP A2	150.875	KOCH & WHITE HTG & COOLING A2	151.655
GIBSOONS GULF SVC YPSI	150.875	U OF M REGENTS A2	151.655
TERRITORIAL STANDARD SVC WHITMORE	150.890	MORRIS INC A2	151.655
RICHARD SAKSTRUP A2	150.935	CLARK ALARM SYSTEM INC A2	151.685
STATE OF MICH A2 HWY MAINT	151.040	HUTZEL PLBG & HTG A2	151.685
STATE OF MICH GREGORY HWY MAIN	151.040	BUSBY FREIGHT LINES YPSI	151.715
STATE OF MICH HWY MAINT A2	151.070	CAULT VILLAGE SHOPPING CENTER	151.715
MICH HWY DEPT A2 JXN GREGORY	151.085	BRIGHTON ASPHAULT & PAVING	151.745
MICH HWY DEPT A2 JXN GREG	151.115	JACKIE SECURITY BRIGHTON	151.745
MICH FORESTRY DEXTER	151.250	H ARNBRUSTER DEXTER	151.775
UNIVERSAL HYDRO TEST A2	151.505	HURON VALLEY GLASS YPSI	151.775
A & M CONST CO A2	151.505	A F SMITH & SON INC YPSI	151.775

CANADA

Send Canadian frequency information, radio system details and other information relating to Canadian monitor radio listening and questions to:
Robert Berezowski, 5832 Dalhousie Drive NW, Calgary, Alberta T3A 1T1 Canada.

Welcome all to the Canada column for November. Time has sneaked up on me. I hope this gets to the paste-up crew on time. My summer vacation is almost over. Now it's back to the U of C. Back to the round the clock study sessions, working till three a.m. to finish the assignment due at 8 a.m, etc, etc. I suppose there are some good points to university life, I just haven't found any yet. Anyway, now it's on with the show.

Chris (CAN-061) has sent along an interesting packet of material. One item is from Environment Canada. concerning the Weatheradio network. Four more cities are to be added to the network. Ottawa, Quebec City, and Saskatoon will have stations by the Fall, and Calgary will have a station by Spring 83. Stations are currently operational in Victoria, Edmonton, Regina, Winnipeg, Toronto, Montreal, Moncton, Halifax and Gander.

Another item Chris sent along is some information on a new ambulance communications network soon to be operational in the Sault Ste. Marie area. The article does not go into specifics, in fact only vague references are made to system operations. A possible set of frequencies that could be used are the UHF channels assigned to the Ontario Ministry of Health. Anyone in the Sault Ste. Marie area who has any information on this system, please write in.

The last item is a short news item on plans for a county-wide rescue service in the Barrie area. The plans are not final yet, but five major rescue units will be located in Barrie, Orillia, Collingwood, Midland and Tottenham. More information on this service will be printed as it becomes available.

PT. PEELEE NATIONAL PARK, ONTARIO: [LARRY MI-001]

148.030/143.030	VTC-658	15 WATTS OUT	VICAP ENTERPRISES, LTD.
432.500	VCL-203	20 WATTS OUT	GEOPHOTO SERVICE, LTD.
148.900	VGW-212		MINISTRY OF TRANS. P-P
169.445/170.205	XLJ-458	10 WATTS OUT	DEPT. OF ENVIRON. PARKS
170.205	XLJ-458 M	10 WATTS OUT	DEPT. OF INDIAN & NORTHERN AFFAIRS
148.030/143.030	XMJ-289	15 WATTS OUT	PARKS CANADA PT. PEELEE N. P.

I would also like to add the following. The Parks Canada wardens would be on the 169.445/170.205 repeater. The Dept. of Indian and Northern Affairs is in reality (in this case) Parks Canada. The park wardens would be the most active frequency. Larry passed on

this information because many tourists visit this park, and it is open all year long. I would also like to add some information on the Banff National Park wardens. Among many channels, the two listed below were the primary channels.

Banff National Park — 166.050/166.650in(R) Main
166.050/166.050 (S)
166.020/166.830in(R) Secondary

Thanks for the information Larry. I am afraid I don't have anything for your column. Perhaps another time. The following list of miscellaneous frequencies comes from Guy (CAN-031).

411.7125	Ottawa, Ont	Cda Public Works-Conference Centre
411.7125/416.7125	" "	" " " " "
416.7125/411.7125	" "	" " " " "
156.300	South West Ont-Cda	Public Works-Bldg Security
156.800	" " "	" " " " "
156.900	" " "	" " " " "
157.200	" " "	" " " " "
163.680	Ottawa, Ont	" " " " "
167.520/163.740	" "	" " " " "
172.410	" "	" " " " "
469.5375	Hull, PQ	" " " " "
458.9625	Hull PQ	Supply & Svcs Cda-Protective Secur.
460.1375/465.1375	" "	" " " " " "
460.0875/465.0875	Ottawa, Ont	Supply & Svcs Cda-Security Branch
148.670	Ottawa, Ont	Min of Transport Cda-Security Svc
151.085	Ottawa, Ont	Statistics Cda-Security Section
149.525/148.990	Ottawa, Ont	Emergency Planning Cda
42.060	Burritts Rapids, Ont	National Emerg Planning Estb.
42.100	" " "	" " " "
145.170/145.710	All Cda	Civil Defence
146.790/147.330	" "	" "
155.640	All Cda	RCMP
140.970	Ont	OPP (Mobile only)
151.700	"	" " " - Experimental
138.750	Ont	Ont Police Commission
139.530	"	" " "
139.545	"	" " "
139.650	"	" " "
140.040	"	" " "
140.115	"	" " "
140.130	"	" " "
142.770	"	" " "
154.490	"	" " "
170.160/165.180	Nicolet, PQ	Quebec Police Institute
412.1000/417.1000	" "	" " "
413.7000	" "	" " "
154.070	Ont	Ont Prov Fire Marshal
"	Borden, Ont	" " " "
"	Gravenhurst, Ont	" " " "
"	Toronto, Ont	" " " "
154.190	Ont	" " " "
"	Borden, Ont	" " " "
"	Gravenhurst, Ont	" " " "
"	Toronto, Ont	" " " "
410.3125	" "	" " " "
172.290	Ont	Ont Liquor Control Board
414.2875	"	" " " "

166.710	Montreal, PQ	Quebec Liquor Commission
168.060	" "	" " "
"	Quebec, PQ	" " "
469.8500	Montreal, PQ	" " "
72.160	All Cda	National Film Board of Cda
72.860	" "	" " " " "
75.520	" "	" " " " "
75.960	" "	" " " " "
171.870	" "	" " " " "
469.3250	Blainville, PQ	Cda MOT-Vehicles Test Centre
469.6250	" "	" " " " "
172.380	Quebec, PQ	Que Labatt's Grand Prix
32.480	Trois Rivieres, PQ	Grand Prix Trois Rivieres Inc
151.055	" "	" " " " " "
151.085	" "	" " " " " "
151.115	" "	" " " " " "
462.5000	" "	" " " " " "
459.2250	Toronto, Ont	Royal Ontario Museum
148.630	Toronto, Ont	Ont Min of Solicitor General
148.655	" "	" " " " "
148.685	" "	" " " " "
149.470	" "	" " " " "
149.495	" "	" " " " "
149.525	" "	" " " " "
139.680	Aylmer, Ont	Ont Sol.General-Ont Police College
156.900	Baie du Dore, Ont	Univ of Toronto
451.7000	Toronto, Ont	" " "
451.7000/456.7125	" "	" " "
456.7125/451.7000	" "	" " "
469.2500	Erindale, Ont	" " "
"	Toronto, Ont	" " "
469.9250	" "	" " "
452.5375	Highland Creek, Ont	Univ Tor-Scarborough College
452.5375/457.5375	" "	" " " " "
457.5375/452.5375	" "	" " " " "
170.580/166.200	Montreal, PQ	Cdn Red Cross
158.430	Niagara Falls, Ont	Marineland & Game Farm
151.055	Hemmingford, PQ	African Safari Pk Que Inc
166.800	Rockton, Ont	African Lion Safari & Game Farm
151.085	Calgary, Alta	Calgary Zoological Society
451.1500/456.1625	West Hill, Ont	Metro Toronto Zoo
451.6500/456.6625	Scarborough, Ont	" " "
165.540	St Felicien, PQ	St Felicien Zoological Society
123.500	Mt Hope, Ont	Cdn Warplane Heritage Inc
167.280	St Constant, PQ	Cdn Railroad Historic Assoc.

We can thank Guy for that very interesting list. To close off I have included a part of a list from Myron (CAN-057). For me I must return to the books. I'm sure that I will be able to print a column each month, so keep those contributions rolling in. I will answer your letters, as I did last year (maybe slightly delayed, but I did answer them). So for now, best wishes and see you next month.

BRITISH COLUMBIA INTERIOR

KAMLOOPS

155.13 RCMP DISPATCH
155.295 RCMP REPEATER
155.67 RCMP TAC 2
155.985 RCMPREPEATER
158.76 AMBULANCE DISPATCH

CRANBROOK

155.175 RCMP DISPATCH
155.67 RCMP DISPATCH
155.295 RCMP REPEATER
149.44 AMBULANCE DISPATCH
149.68 AMBULANCE DISPATCH

PRINCE GEORGE

155.13 RCMP DISPATCH
155.295 RCMP TAC 2
155.67 HIGHWAY PATROL-RCMP
155.64 RCMP DRUGS
155.91 FIRE DISPATCH
149.68 AMBULANCE DISPATCH
153.71 PUBLIC WORKS

OSOYOOS

155.985 RCMP REPEATER
155.67 RCMP DISPATCH
155.64 RCMP TAC 2
149.39 AMBULANCE DISPATCH
149.68 AMBULANCE DISPATCH

WILLIAMS LAKE

155.88 RCMP DISPATCH
155.595 RCMP REPEATER
155.13 RCMP TAC 2
155.295 RCMP REPEATER
169.68 AMBULANCE DISPATCH
165.03 LAKE TAXI
155.45 B.C. TEL PAGERS
157.10 B.C. TEL PAGERS
157.295 MERLE WAGNER MILL
158.31 MERLE WAGNER MILL
164.265 B.C. FORESTRY QUESNEL
164.085 AREA REPEATER
169.08 FIRE DISPATCH

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contact/info wanted

This column has two purposes: to help members contact each other, and to help members obtain information directly from one another on various subjects related to 2-way communications monitoring. If you desire to converse, meet, or correspond with other members by telephone, letter, or cassette tape in a certain geographic area or with members who have similar listening interests, this is the perfect place for you to make known your interests. Remember – those who respond will do so directly, so be sure to provide your phone number, the best time to be called, or your address. Write to:

Amy Polivka, 12906 Ohio Circle, Omaha, NE 68164

JAPANESE TRANSLATIONS NEEDED! Receive a paid subscription to "Radio Life", a slick Japanese monthly about monitoring & utility radio, in exchange for English translations of interesting articles and ads. (8-23-82)
ROBERT HORVITZ (CT-048), 54 East Manning St, Providence, RI 02906

LOAN SCANNER DATA? Member wishes to borrow pre-1975 scanner data - manuals, specs, anything. He'll return and pay postage. (7-28-82)
JERRY CALLAM (OH-Ø15), 10 Avalon Road, Mt. Vernon, OH 43050

WISCONSIN FREQs: Member looking for countywide radio call number network listings (police, fire, rescue, local govt., etc.) for any Wisconsin counties. Will swap for those he has. Also wants to communicate with other area members. (8-7-82)
CARL GUSE (WI-???), 110 Riverview Heights, Mayville, WI 53050 // 414-387-5233

MISSOURI-MISSISSIPPI RIVER VALLEYs FREQs: With a planned trip in mind, this member is looking for frequencies along the way from Kansas City - St. Louis - Northern Mississippi. Wants state patrol, county sheriff, ambulance, police, and fire frequencies along I-70 / I-55 / US-78 (Memphis to North Mississippi). (8-9-82)
TOM HIRSCH (KS-Ø15), 846 N. Oliver, Apt. 2, Wichita, KS 67208 // 316-682-2846

N.J. INFO WANTED: Member seeks listing of Burlington County fire stations by station name and dispatch number. Will swap for same with listings for Ocean and Monmouth Counties.
ROBERT S. MATTSON (NJ-137), 2820 Bridge Ave., Point Pleasant, NJ 08742 // 201-295-4855 after 16:30

Member would like to set up a 2-meter net for RCMA members who are hams in both the Philadelphia and New York metro areas. The net also would provide good listening for those who wish to monitor. Contact Chuck Gysi, KA2QFL, PA-005, at P.O. Box 1119, Flemington, NJ 08822-5019, or on 146.25/.85 (Frenchtown) or 147.975/.375 (Cherryville).

ATLANTA AREA MEMBERS: If you would like to swap code sheets, freqs, etc., get in touch with me. I have a copying machine. TOM OVERALL (GA-036), P.O. Box 77154, Atlanta, GA 30357 (404) 634-6705.

FCC TOPICS

George DuBois, Editor

FCC news and information of interest relating to two-way communications. Send comments and questions to:
George DuBois, 10048 NE Campaign, Portland, OR 97220

The Federal Communications Commission has added eight new frequencies for one-way paging in the 30 to 50 mHz band. The frequencies were unassigned channels adjacent to existing mobile telephone/paging channels. The frequencies are 35.20, 35.24, 35.56, 35.60, 43.20, 43.24, 43.56 and 43.60 mHz. It was first proposed to reallocate them for paging over ten years ago but there were "competitive" issues to be resolved and there was also concern about adjacent-channel interference. This of course makes the allocations table that I went to all the trouble of putting in the August column out of date, but how was I to know?

The Commission has also modified its Order of last year which reallocated the low-band mobile telephone channels for paging. Previously, a new paging station couldn't be located between 750 and 1500 miles of an existing two-way mobile telephone station, to protect the two-way station from E-skip interference. Now, paging stations will be permitted within this zone if they reduce power. And the protection zones have been completely eliminated for the 43 mHz frequencies. In addition, the Commission has now decided to completely phase out low-band mobile telephone, by 1988. They decided this in view of the fact that there are fewer than 1000 users of the existing stations, and also that the recently allocated cellular service could be implemented as early as next year in some areas.

The FCC has amended its Rules to permit the use of the 420 to 435 mHz band nationwide for radio-location. Prior to this, radiolocation by non-government users in the 420 to 450 mHz band was only allowed along the US coastlines and in Alaska. Non-government use of the band is mainly for offshore aerial mapping. Possible inland uses include radio positioning during agricultural spraying, mapping, etc. Use of the 420-450 band

by the Amateur Radio Service is on a secondary basis to the Government radiolocation service, but not to non-government radiolocation and the amateur community was concerned about possible interference. Consequently, only the 420 to 435 mHz segment may be used inland, and only using spread spectrum techniques, with a bandwidth between 10 and 15 mHz. Maximum power may be 50 watts and a manufacturers identifier must be transmitted, one or two letters in Morse code at the beginning and end of a transmission to assist in identification if interference should occur.

Part 15 was amended to expand the use of unlicensed, low-power Auditory Training Devices used by schools for the hearing impaired. Now called Auditory Assistance Devices, they may be used in theaters, churches, auditoriums and even private homes. Auditory assistance devices operate on offset channels in the 72 to 76 mHz band.

The Commission has eliminated the rule that required that two hand-held transceivers be counted as one mobile unit for channel loading requirments in the Public Safety services in T-band and the 851 mHz band. Also, the 3 to 1 requirment in the Industrial services is likewise eliminated. They decided that modern hand-held units are used as much, if not more, than thier vehicular counterpart and therefore should be counted the same when reflecting channel usage above 470 mHz.

Part 97 was amended to allow increased power of repeaters in the 52 to 54 mHz portion of the six-meter Amateur Radio band. It was decided that since 6-meter operations must overcome a higher degree of man-made noise, and that at 2-meters and 220 mHz the propagation losses are increased due to the higher frequency, the same power limits should apply to all repeater operation below 225 mHz, including those between 29.5 and 29.7 mHz in the 10-meter band. Power limits are now 250 to 800 watts, depending on antenna height. Previously, only 20 to 100 watts was permitted in the 6-meter band.

Two new areas were added to the restricted areas within which Amateur Radio Service stations in the 420-450 mHz band must operate with less than 50 watts. This is to protect Government radiolocation (radar) from interference. The areas added are 100-mile-radius zones around Elmandorf AFB, Ak and Grand Forks AFB, ND. Also, the zones around Otis AFB, Ma. and Beale AFB, Ca. were increased to 100 mile and 150 mile radii, respectively.

The band from 76 to 100 mHz has been reallocated for shared use for TV and FM broadcasting in Alaska. This band had been used for point-to-point Fixed service. Existing fixed stations (operated by Alascom, Inc., mostly in remote areas) will be allowed continued operation in the band and protection from interference by new broadcast stations.

The Commission has proposed doing away with the present rule which limits non-voice transmissions on land mobile channels to a two-second duration on a secondary basis to voice transmissions. They are seeking comment on whether or not the present rule limits the use of more advanced technology using digital techniques for status reporting ("in service", "busy", etc.) or for digital dispatching. The present rule is designed to limit interference to voice communications.

The FCC has proposed streamlining Part 5 (Experimental Radio Services) and eliminating certain restrictions. It is proposed to liberalize the mandatory reporting requirments, the technical standards and the operator/transmitter control rules. (See Feb. 82 column.) Since there are already adequate provisions in Part 5 for the protection of existing services from interference by experimantal stations, these requirments only hinder developmental operation, the opposite of which is the purpose of Part 5. The proposed changes would also eliminate the requirment that a Rulemaking Petition be filed anytime a new service is begun on an experimantal basis (such as the new 900 mHz aircraft mobile-phone service). Many times this action is unnecessary because of changes, improvements, or even abandonment of the project. Another significant change will allow "market trials", in which developers would be allowed to market

a new service or device in limited quantities on an experimental basis. This is not presently permitted until rulemaking matters, allocations, technical standards, etc., are resolved.

A Notice of Inquiry has been released seeking comment on whether to allow the use of low-band Public Safety frequencies to be used for a Self-Powered Vehicle Detector (SPVD). Developed by the Coast Guard, the device is buried in a traffic lane in a 4½" hole, 17" deep and is considerably easier to install than the induction loops presently used. When a vehicle passes over the device it transmits two 30ms pulses to a nearby receiver. The Coast Guard recommends frequencies offset by 10 kHz from the 45 mHz Police and Local Government radio service channels, although any frequencies between 40 and 50 mHz could be used. Opposition to the idea has already been voiced, mainly because of the interference potential to other services. APCO also wants to know whether if each time a Public Safety service transmitter is keyed near a SPVD receiver, would the traffic lights malfunction?

A Notice of Inquiry is the first step in the rulemaking process. If sufficient favorable comment is received, a Notice of Proposed Rulemaking (NPRM) is then issued. Many times the NPRM is released first, unless the idea is controversial and comment is needed, or more technical information is sought as well as alternative proposals. You can pretty much tell whether an idea is going to fly or not by which notice is released first and how it is worded.

FEDERAL GOV'T and ★ MILITARY ★

Send all Federal Government and Military frequencies (including those of military aircraft), radio system details, and related questions to:
Dennis Biagioli, 607 W. Pleasant Ave., Villa Park, IL 60181

Sensitive frequencies will not be published. Coast Guard material must go to the VHF Marine editor.

Hi! Welcome to another Federal Government / Military Column of <u>your</u> NEWSLETTER. So, if it's yours, why don't you contribute to it. It has always seemed to me that 90% of the material published in this NEWSLETTER was contributed by only 10% of our total membership. Why not change that. Some members tried to change it, and here's what they have to share.

RON PECK (MS-009), residing in Alaska sends along two frequencies for Elmendorf Air Force Base:

163.4850 Police
173.4875 Fire

BRAD CARPENTER (OH-138) sent this one:

CUYAHOGA VALLEY NATIONAL RECREATION AREA

Between Akron and Cleveland, it covers about 32,000 acres and is operated by the National Park Service (NPS).

Frequencies used are:

166.375(ch. 1) Repeater output and simplex
166.975(ch. 2) Repeater input

Simplex is rarely used, generally the repeater is used. The repeater is atop the water tower at The Coliseum in Richfield. The communications center is in Peninsula and uses the repeater input frequency to input the repeater.

BASE CALLSIGNS:
The communications center uses the callsign KOP731 and it is the base callsign usually heard. There are other bases, such as KOP732 etc., but these are rarely used. A letter after a base callsign, for example KOP731F (the "F" pronounced phonetically as "Foxtrot"), denotes a remote, in some cases, a residence.

MOBILE AND PORTABLE CALLSIGNS:
Two such callsigns are used:
KO3831 are mobile units
KO3832 are portable units, which also includes some hand-helds that can be easily mounted and removed from vehicles.

UNIT NUMBERS:
Unit numbers have the following pattern: Digit-Letter-Number. The letter is pronounced phonetically: A as "Alfa", B as "Bravo", etc. The letter denotes the division which are as follows:
A("Alfa") Management
B("Bravo") Administration
C("Charlie") Interpretation
D("Delta") Ranger
E("Echo") Maintenance
Y("Yankee") YCC(Young Adult Conservation Corps)
In the unit number, the digit before the division indicates the subdivision. For example, in the ranger division:
1D is staff
2D is resource management
3D is visitor protection
4D is communications
5D is volunteer
The number after the division letter indicates the particular person.

RICHARD KRAMER (PA-093) submitted the following:

	Ft. Indiantown Gap, Muir Fld., PA		
38.45	Range Control	415.200	GSA
46.80	Tower	414.200	Security
46.93	Ground	118.250	Approach/Depart
139.000	Ground	126.200	Tower
163.465	Fire Dept.	41.20	Nat. Guard "Flite Line"
165.090	Fire Dept.	34.10	War Games
412.875	MP's	41.40	War Games

	Olmstead Fld., Harrisburg, PA		
40.17	Air Nat'l Guard	148.450	Air Nat'l Guard
40.19	Air Nat'l Guard	148.545	Air Nat'l Guard
149.175	Air Nat'l Guard	150.200	Disaster Preparedness
148.225	Air Nat'l Guard	173.535	Security
		173.585	Fire & Crash

Reading, PA, Airport
257.900 Tower - Approach/Departure

BOB TRIVALOS (WI-026) sends some additions to his list previously published from the Milwaukee area: 1) the 440th has changed their Channel 18 from 381.30 to 376.1, Command Post, "Instigator"; 2) on the Flite Line, ground comms. to / from aircraft are using 377.775; and 3) usage is confirmed on 139.50, although unknown whether by 128th or 440th, but it is tested occasionally.

We will close for this month with a longer list for the UHF aircraft enthusiasts from Bob.

IR-802 (BOZ I) & IR-803 (BOZ II)

Special Notes:

(Aircraft entering Canada)

Aircrews will contact the NORAD Control Facility on AICC (364.2) upon

entering Canadian Airspace.....

If high altitude intercept activity is planned,delay start descent until threat identification or Point C (49° 40.0'N 71° 00.0'W),whichever is sooner.Tactical Descent is authorized.

Aircraft will climb at Point G (50° 06.0'N 71° 55.0'W) until radio and radar contact is established with IRRADIATE.After being cleared by IRRADIATE,aircrews may descend back to Tactical Flight Alititudes.

IR-804 & IR-805

Special Notes:

Aircraft will contact the NORAD Control Facility (364.2) prior to entering low level and confirm intercept/no intercept activity. If intercept activity is available,pass Point AA (47° 39.0'N 66° 35.0'W) time to NORAD and brief joint manual 55-200 required items.If intercept activity is confirmed by NORAD,Aircrews must climb prior to Point AA and attempt to re-establish contact with the NORAD Control facility. Climb will be initiated until radio contact is established or the IR altitude is reached(not listed).Once reaching IR altitude,maintain IR altitude until radio contact with NORAD.If,prior to entering low level, NORAD conforms that there is no fighter activity,theaircrew need not re-establish contact with NORAD during the lowlevel portions of the route and may remain at the prescribed TF/visual contour altitudes(1,000 ft or below,but 100ft above man-made obstructions).

During intercept activity NORAD will be the primary controlling agency (Chatham MTCA 364.2). At all other times Chatham MTCU (346.9/BACK-UP 264.6) will be the controlling agency.

PILOT-METRO SERVICE Frequencies

AFB/AFS/ANGB			
Altus,OK	239.8	Eglin,FL	342.5
Andrews,MD	344.6	Ellsworth,SD	375.2
Barksdale,LA	373.1	England,LA	239.8
Beale,CA	373.1	Fairchild,WA	375.2
Bergstrom,TX	375.2	George,CA	344.6
Blytheville,AR	342.5	Grand Forks,ND	344.6
Buckley,CO	344.6	Griffiss,NY	344.6
Cannon,NM	344.6	Grissom,IN	344.6
Carswell,TX	342.5	Hill,UT	375.2
Castle,CA	342.5	Holloman,NM	344.6
Charleston,SC	344.6	Homestead,FL	375.2
Columbus,MS	344.6	Keesler,MS	344.6
Davis-Monthan,AZ	239.8	Kelly,TX	239.8
Dobbins,GA	342.5	Kirtland,NM	342.5
Dover,DE	342.5	Langley,VA	239.8
Dyess,TX	344.6	Laughlin,TX	344.6

Little Rock,AR	239.8
Loring,ME	342.5
Luke,AZ	375.2
MacDill,FL	344.6
Malmstrom,MT	239.8
March,CA	239.8
Mather,CA	344.6
Maxwell,AL	342.5
McChord,WA	342.5
McConnell,KS	375.2
McGuire,NJ	239.8
Minot,ND	342.5
Moody,GA	342.5
Mountain Home,ID	342.5
Myrtle Beach,SC	239.8
Nellis,NV	344.6
Offutt,NE	342.5
Patrick,FL	344.6
Pease,NH	375.2
Peterson,CO	375.2
Plattsburg,NY	239.8
Pope,NC	344.6
Randolph,TX	344.6
Reese,TX	375.2
Robins,GA	344.6
Scott,IL	239.8
Selfridge,MI	342.5
Seymour-Johnson,NC	372.5
Shaw,SC	342.5
Sheppard,TX	344.6
Tinker,OK	344.6
Travis,CA	375.2
Tyndall,FL	344.6
Vandenburg,CA	344.6
Westover,MA	342.5
Whiteman,MO	344.6
Williams,AZ	344.6
Wurtsmith,MI	342.5
Sawyer,MI	344.6
Wright-Patterson,OH	344.6

PILOT-METRO SERVICE Frequencies

NAS

Alameda,CA	359.6
Brunswick,ME	264.0
Cecil Field,FL	317.0
Chase Field,TX	344.6
Corpus Christi,TX	344.6
Fallon,NV	324.8
Glenview,IL	341.3
Jacksonville,FL	344.6
Key West,FL	344.6
Kingsville,TX	344.6
Meridian,MS	312.4
Miramar,CA	362.1
New Orleans,LA	265.8
Norfolk,VA	268.8
North Island,CA	344.6
Oceana,VA	387.4
Patuxent River,MD	356.2
Pensacola,FL	359.6
Point Magu,CA	341.3
South Weymouth,MA	344.6
Whidbey Island,WA	344.6
Whiting Field,FL	317.0
Willow Grove,PA	344.6
LEMORE, CA	317.0

MCAF/MCAS

Beaufort,SC	264.5
Bogue,NC	344.6
Cherry Point,NC	344.6
El Toro,CA	344.6
New River,NC	250.6
Tustin,CA	344.6
Yuma,AZ	349.9

AAF

Cairns,AL	344.6 & 128.8
Campbell,KY	344.6 & 33.20
Fritzsche,CA	344.6
Gray,WA	38.90
Henry Post,OK	375.2
Hood,TX	234.4 & 41.20
Hunter,GA	344.6
Lawson,GA	344.6 & 127.4
Marshall,KS	344.6
Robert Gray,TX	234.4 & 41.20
Simmons,NC	141.25 & 40.10

Hope you have a marvelous month that gives you lots of time to listen for new things and contribute to your NEWSLETTER. 73's -

Denny

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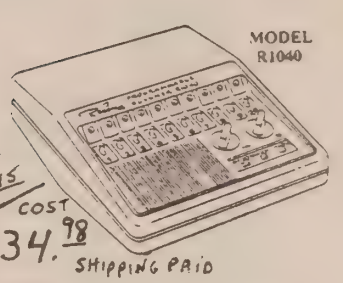

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PAID ADVERTISEMENT

International

Richard Stein, Editor

This column is for reporting two-way communications frequencies above 30 MHz, radio system details, monitoring experiences, and any other information relating to monitoring in countries other than the United States and Canada. Send to: Richard Stein, 456 Barrymore Place, North Brunswick, NJ 08902.

Just after sending in last month's column, I remembered that I had a more recent issue of "Broadcasting Stations of the World". The job was to locate it. That took several days, but yielded a 1965 issue of the same- a bit better, but still not up to date. Anyway, here are the listings from that edition. Comparing this list with the earlier 1961 list shows a decline in the number of stations listed. I would be interested in knowing in any member has a more recent issue and if,in fact, this publication is still being updated. I've lost track without the GPO's "Selected Publications" list.

Again, the listings are a bit out of date but, I think, interesting. It is an example of just one of the many sources of frequency information that exist if you know where to look for them.

30.840	HP5C-FM	Radio Miramar	Panama City PAN 30w
44.300		gov't ops	Suwon SO KOREA 250
44.500		gov't ops	Suwon SO KOREA 250
45.300		gov't ops	Seoul(Namsam)SO K 60
46.100		gov't ops	Chongdong SO KOR 60
46.300		gov't ops	Seoul(Namsam)SO K 250
48.300		gov't ops	Chongdong SO KOR 60
48.600	HOS-22	Rd. Mia	Panama City PAN 60
49.600		gov't ops	Chongdong SO KOR250
49.900	HOH-FM	Circuito RPC	Panama City PAN 60
49.900	HOH-49	Circuito RPC	Panana City PAN 60

•••• listings in the 64-72 band are only for stations NOT in Eastern Europe & USSR which use this band for regular FM service••••

68.200	TGHR	Rd. Mundial	Guatemala City GUAT
71.500		gov't ops	Tel Aviv ISRAEL 250
140.400		Rd. Calama	Calama CHILE 250
148.640	XEAO		Mexicali BC MEX 50
150.000	YSS-FM	Rd. Nacional de El Salvador	San Salvador ES500
151.200	HOL-55	Rd. Reforma	Chitre PANAMA
154.860	YNVOZ	Rd. Reloj de Nicaragua	Managua NIC
160.800	YVOE-FM	Rd. San Cristóbal	San Cristóbal VEN
165.800	XEOD	Rd. Juventud	Veracruz VER MEX 60
170.000	YSS-FM	Rd. Nac. de El Salvador	San Salvador ES 500
174.200	TGN	Rd. Cultural	Guatemala City GUAT
178.000	YND	Unión Radio	Managua NIC

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Notice the two lines in this ad from Great Britain's "Practical Wireless" magazine. A European BC-100? David (NIRE-002) notes that it is in stock and selling for £253 (abt $440). I immediately dashed off a letter to my correspondent at Bearcat asking the following things: (1) freq. coverage of this BC-100 (how 'bout that- it does cover 66-88!); (2) possibility of having a BC-100 with air included (non-committal); (3) how 'cum the quality control has been so poor on the BC-100's and specifically what has been done to correct this? (usual non-answer). Here's the reply:

Electra

Electra Company
Division of Masco Corp. of Indiana

300 East County Line Road
Cumberland, Indiana 46229

Telephone (317) 894-1440

Dear Mr. Stein:

Thank you for your note of August 19, 1982.

Electra is currently shipping a foreign version of our BC 100 to overseas customers. This unit is specially designed to receive the 66 to 88 MHz band in lieu of the low VHF band.

For obvious competitive reasons, Electra has a policy of not discussing new product plans prior to introduction. Thus, I cannot comment on possible changes in the BC 100 or on any other speculations regarding our scanners or cordless telephones.

We are constantly improving all our products, and we subject them to rigorous quality control procedures. While a few individuals may have run into particular problems -- which are fully covered for one year under our warranty -- we feel that the Bearcat 100's we are shipping are an excellent product that should prove trouble-free.

We appreciate your interest in Electra.

Sincerely,

Samuel J. Martin,
Manager, New Products/Markets

I think it is important for us to make the manufacturers aware of our needs, complaints and satisfactions with respect to radio. We should do this regularly in order to get the equipment we'd like.

Speaking of equipment we'd like, how does a PROGRAMMABLE225-400MHZ, AM, SCANNER sound- no images, no preamps, no converters needed? Well, it's coming around January 1983. Check out the ads from Bob Ahern (RMA Electronics) in the coming months. Until next month....שלום

LOW BAND SKIP

Send reports of distant stations received on the 30-50 MHz Band, as well as: information; comments; suggestions; question; and any items of interest regarding Low Band Dxing to:

Mike Britt, 14631 Yorba Street, Tustin, CA 92680.

Greetings once again!

The winter skip made its return to this station in the last week of August. The event was marked by a dramatic increase in the quality of the Argentine pager signals (heavy fading during the summer months), and further noted by the return of eastern U.S. skip here to southern California. First heard were the volunteer FD pager alert tones on such freqs as 33.86 and 33.90 (Penna. & Ohio). Southern stations seemed to be the strongest. Accompaning these were scores of Spanish stations. Many of the stations I've received in the past returned, and new 'foreign' stations were also heard. I believe most of these are from Argentina (5,000miles +, from my location). Listed below are the foreign frequencies which were active over the Labor Day holiday weekend in the first part of September:

32.680 Spanish-paging, Argentina
32.820 Spanish-paging, Argentina
32.940 Spanish unknown
32.960 Spanish-paging, Argentina
33.050 Spanish unknown
33.140 Spanish-IB, Argentina*
33.300 Spanish-paging, unknown
33.350 Spanish-alert tone, IB type, Argentina*
33.450 Spanish-IB and RTTY type code, unknown
33.475 (No voice), intermitent keying
33.675 Spanish & English, poor signal, unknown
33.540 Spanish-IB, Ecuador
33.760 Spanish-IB, unknown
34.010 Spanish-paging unknown
34.300 Spanish Argentina*
35.040 Spanish-IB Argentina*
35.080 Spanish-paging, Argentina
35.100 Spanish- unknown
35.120 Spanish- unknown
35.130 Spanish (English, French) - Broadcast Audio Argentine National Radio Argentina
35.220 Spanish-paging, Argentina
35.280 Spanish-paging, Argentina
35.700 Spanish-IB unknown
36.380 Spanish-paging unknown

* These stations are unconfirmed as being from Argentina, however, info. from the

broadcasts, and Castilian dialects cause me to suspect that Argentina is the origin. Two thoughts on why Argentina seems to be the predominant origin of the foreign skip received in this region of North America: 1) The most obvious conclusion might be the fact that the low band (30-50 MHz) is used extensively in Argentina, with perhaps more stations on the VHF Lo band than other Latin American countries (this is inference, not established fact); 2) a skip charactoristic which has come to be called "Transequatorial Propagation" (T-E). T-E is based on the observation that stong north-south skip seems to travel a path to and from areas located equidistant from the geomagnetic equator. It seems this is most prevalent in the regions located about 2500 miles on either side of the equator. Now, if you look at a globe of the Earth, you will see that 34° latitude, north, runs through southern Califronia, where I am located. 34° latitude, south, runs through Argentina, just south of Buenos Aires. Each area is located approximately 2,500 miles from the geomagnetic equator!

It would be interesting to find out what it is they are receiving down in Argentina. I wouldn't be surprized to learn that the Argentines have been hearing a variety of U.S. stations over the past few years on their low frequencies.

PROPAGATION FORECASTING...from MAIL-A-PROP

For some time now, those with the knowledge and expertise have been able to predict, with reasonable accuracy, at what times radio propagation (skip) will be most active. In the past, forecasting was done primarily by astronomers. More recently, books on the subject have been published which detail how to use computer programs, combined with available information, to do your own forecasting. Unfortunately, propagation forecasting has not been readily available to the average listener ("average listener", in this case, being those of us who are not astronomers, and do not have computers at our immediate disposal).

Now, however, there is a professional propagation forecasting service which is available to the radio listener, called MAIL-A-PROP. As the name implies, the forecasts are sent via first class mail to it's subscribers. Based in New York, MAIL-A-PROP is primarily for amateur radio operators and shortwave listeners, with forecasts covering the HF bands from 160 through 10 meters (1 MHz through 30 MHz). However, the information for the higher HF freq.s can easily be applied to the 6 meter to 9 meter range (50 MHz down to 30 MHz), for accurate predictions of low band skip on a given date.

MAIL-A-PROP is issued every three weeks covering a four week period in advance, on a daily basis. The forecasts are sent in advance, to reach subscribers well before the beginning of each forecast period. The forecasts are prepared by David D. Meisel, experienced in the feild of HF radio propagation, and a featured speaker at the ANARC-82 convention held in Montreal last July.

According to Meisel, "MAIL-A-PROP is the most complete propagation forecast available for the H.F. bands. It is in an easy to use format...written so that it can be refrenced quickly and used with ease." If you are a radio amateur or shortwave listener, or if you are seriously interested in radio propagation, I recommend that you check out MAIL-A-PROP for yourself. For more information, write to: MAIL-A-PROP, David D. Meisel, Editor, 54 Westview crescent, Geneso, N. Y., 14454, USA. For a free sample copy, enclose a legal-size SASE. Be sure to mention you are a member of RCMA.

A Midsummer Night's Skip

Word comes from Chuck (Ill-141) that he had himself nearly 5 nights and days of skip from the east coast of the U.S. He tells me that one of those nights (July 19 thru 23) he was up until 02:30 the following morning listening to the skip. Now, there is a devoted skip fan! (It's got to be real good for me to stay up that late, specially since most of mine are 7am to 3pm days, meaning early to rise). Here are some of the most active frequencies and stations as heard by Chuck (IL-141) in southern Illinois:

31.28 MHz KGA328 Goeiz Construction Corp., Letterkenny, Pa.

31.60 MHz (call?) (Construction Co.?, Cape Cod Area), Mass.

33.74 MHz (call?) unknown Fire Dept.
traffic in reguard to boat fire.

33.86 MHz KEU951 Linclon Borough V.F.Co., Pa.

37.26 MHz (Chuck states he heard "speech inversion scrambling" on this freq. This is a case where instead of the inversion causing the reception of skip, the skip caused the reception of inversion!).

37.38 MHz KEA334 Hackensack, N.J. -Bergen County Police.

37.82 MHz KXJ449 Hazelton, Pa. - Pennslyvannia Power and Light Co.

37.82 MHz (call-?) South River Electric Corp., N.C.
(traffic in reguard to trees down across power lines).

37.94 MHz (call-?) New York Highway Dept.

39.04 MHz KEA368 Poughkeepsie, N.Y. - Duthess County Sheriff's Office

42.96 MHz KBF 542 Pine Island, N.Y. - Sobiech Company.
(Chuck heard a conversation about two men working in a Submarine).

Chuck received the following stations in the afternoon of 7/16/82:

34.83 MHz - Florida National Forest

44.76 MHz - KQR551 Ft. White,FL.Ichetucknee Springs State Park

44.76 MHz - KRX577 - Fernandina Beach, Fla., state Prison
"Corrections" base.

45.10 MHz - Spanish language conversations (unknown origin)

45.22 KIU319 - Tampa State Park

45.42 KEG369 - Andytown, Fla., state prison

On 7/24/82, Chuck received skip from states southwest of Illinois. These stations were logged between 17:30 and 19:00 CDT:

39.50 MHz KYY832 Elwood, Kansas - Elwood Rural fire district

39.58 MHz WZJ519 Phillipsburg, Kansas - Phillips Co. Sherrif's Office

42.46 MHz KA0896 Rushville, Nebraska - State Police

It sounds like Chuck really pulled in the Es this summer!

From the HAWKEYE STATE...

Bob Powers (IA-33) from Boone, Iowa, near Des Moines, writes: "The last week of July I was receiving Arkansas and Texas - Arkansas on 37.10 and Texas on 37.32. ...This was on my two local PD channels, the primary, and the alternate." Bob tells me he was hearing the skip from 9:00 until he shut off his scanner at 10:30 CDT. He goes on to say that apparently the skip was traveling both directions, as the Arkansas and Texas stations "asked Boone to identify themslves." Bob states that Boone didn't answer the request. He concludes saying, "I am just starting to get interested in "low band skip", and the more I listen to what used to be annoying, the more interesting it is."

That's what I like to hear - another convert. I often wonder how many out there are still saying, "what are these #$%¢&* Spanish and French stations doing coming in on my Bearcat 5,250½ xxL, 9,000 channel receiver???"(That's the BC 5,250½ xxL FOB model with the microwave dish option. Don't laugh, it might happen one of these days.)

... and the Golden State

It seems I wasn't the only one listening to the Northern California Es in July. Brent Basinger (CA-SB-016) reports that on 7/25/82, he was receiving Dx on TV channel 2, and so seached the low band for skip. He made this positve ID:

36.75 Forest Service (call?); Sonora, Ca; approx 300 mi; 09:30 PDT 7/25/82
R "Stanislaus, North Zone"
out

In Closing

Well, it's a short column this month. We editors have been asked to keep it down due to the $ cost of mailing (large newsletter = large price per copy). One final thing: I previously stated that I had heard no tones on the 33.48/33.475 mystery skip. This month (August for me), however, I have been hearing a regular "beep" several times an hour on 33.48 when skip is in. On 33.475, there is the sound of electronic static, which is also heard off and on when skip is in. This "electronic static" sounds like a repeater-keying up because of interference - careful study shows this is definitely on 33.475, not 33.48. The tone, however, has proven to be on 33.48, not 33.475. How these relate to the "open carrier" heard on 33.475 in the past is unknown at this point. Also strange are the signals I have received on 33.675 - barely audible - sometimes Spanish, sometimes English. Hopefully, new insights on these mysteries will arise as the winter skip gets stronger.

73, Mike

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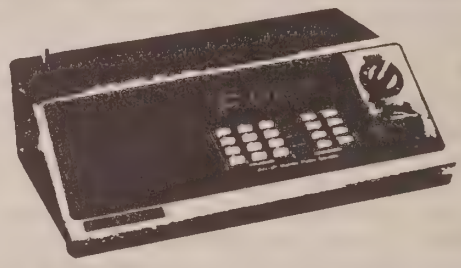

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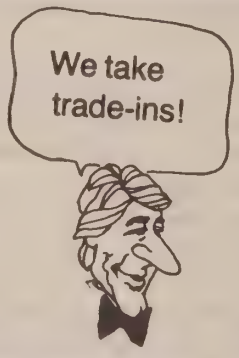

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Marketplace

Gary M. Darcy, Editor

Members may advertise, free of charge, items wanted, items for sale, and items for trade that are associated with the hobby of monitor/utility radio listening. No dealer ads will be accepted for this column. RCMA assumes no responsibility for the outcome of any transactions between members resulting from ads printed in this column. Send to:

RCMA MARKETPLACE, c/o Gary M. Darcy, P.O. Box 1329, Palmdale, CA 93550.

Please be sure to include your membership number.

All Marketplace ads will be accepted ONLY on special forms available from this column's editor. Send a self-addressed STAMPED envelope (business size) to the address above to receive a supply of forms. Foreign members do not need to include postage on envelopes they send.

There are a few points I wish to inform the membership of about this column.

1. Please print or type information requested on request forms. I am having some difficulty reading some members handwriting.
2. When submitting request forms, please, only one item per form.
3. Each ad will be run only once per request.
4. This column is for scanner related items. This may include SW equipment. This is NOT to include CB equipment.
5. The date following each ad is the date the member signed the request form.

THIS MONTH'S COLUMN INCLUDES EVERYTHING RECEIVED UP THROUGH SEPTEMBER 4th, 1982.

FOR SALE: Realistic DX-300 Communications Receiver. Have original carton and owner's manual. Will send UPS prepaid. $ 180.00. Contact: JACK A BRISTOLL (CA-SL-001), 1112 Olive St., Apt. 3, Paso Robles, CA 93446 or phone 805-238-7174. (8-23-82)

FOR SALE: INFO TECH M-200E RTTY/CW/ASCII Reader. Includes a Sanyo VM4209 9" video monitor. These two items together with a receiver make up a complete system; nothing else required. $ 500.00. Contact: CHRIS DEVENDORF (CA-OR-050), 29261 Buckhaven, Laguna Niguel, CA 92677. (7-23-82)

FOR SALE: McKay-Dymek DR 33C. Very stable HF receiver. 50 khz - 30 mhz. Has selectivity updates for 2400 hz for SSB / 1900 hz for RTTY / 300 hz for RTTY and CW. $ 1300.00. Contact: CHRIS DEVENDORF (CA-OR-050), 29261 Buckhaven, Laguna Niguel, CA 92677. (7-23-82)

FOR SALE: Bearcat 350. New condition; original packaging; manual & warranty card included. Price includes UPS shipping. $ 350.00. Contact: DAVID R. ALLEN (AZ-004), 1616 N. Winstel Blvd., Tucson, AZ 85716 or phone 602-325-5096 afternoon & evenings. (7-29-82)

FOR SALE: Realistic PRO-8. 8 channel crystal controlled VHF/Hi scanner. Selectable priority; built in delay; original packaging, mounting hardware, manual, telescoping antenna included. Excellent condition. $ 75.00 or reasonable offer. Contact: DAVID R. ALLEN (AZ-004), 1616 N. Winstel Blvd., Tucson, AZ 85716 or phone 602-325-5096. (7-29-82)

FOR SALE OR TRADE: Sony ICF-2001. Excellent condition; used about 5 times; 3 months old. Will trade for same condition BC-220. $ 275.00. Contact: DAVID N. SILVA (MA-008), RFD Box 492, Vineyard Haven, MA 02568 or phone 617-693-5728. (8-11-82)

FOR SALE: Bearcat BC-2/4 AC. Good shape, hardly used, collecting dust on the radio table. $ 50.00. Contact: DAVID N. SILVA (MA-008), RFD Box 492, Vineyard Haven, MA 02568 or phone 617-693-5728. (8-11-82)

FOR SALE: Bearcat 100. Excellent condition. Includes charger, case, batteries, antenna. Will ship UPS COD. $ 310.00. Contact: CHUCK O'CONNOR (CA-SC-017), 1833 Germaine Ct., San Jose, CA 95122 or phone 408-279-0548. (8-5-82)

FOR SALE: 3 Regency Monitor Radios. MR33B / MR10B / FLIGHT MONITOR. 30-50 mhz / 152-174 mhz / 108-136 mhz. 8 tubes, dual tuning. Operating & service manuals. $ 27.50 each prepaid UPS. Contact: E. J. BERRYMAN (NB-007), 5919 Newton St., Lincoln, NB 68506 or phone 402-489-3970. (8-25-82)

FOR SALE: Sony ICF 2001. Used very little; like new; all accessories. $ 225.00. Contact: RANDALL JACKSON (MO-057), 3041 Seneca, St. Joseph, MO 64507. (8-30-82)

FOR SALE: Grove Enterprises, Inc. Scanverter CVR-1. This unit has been updated with a built in pre-amp, tuned up by the manufacturer. It receives 225-400 mhz. $ 100.00. Contact: AL CHRISTOPHER (MS-008), 122 Margaretta Dr., Starkville, MS 39759. (8-25-82)

FOR SALE OR TRADE: Bearcat 220. Excellent condition with box and all accessories. Will sell or will consider reasonable cash difference to trade for a Bearcat 20/20 Canadian model. $ 200.00. Contact: HARRY McCABE (NC-008), 898 Old Orangeburg Rd., Lexington, SC 29072 or phone 803-359-3669. (8-31-82)

FOR SALE OR TRADE: Bearcat 100. Perfect condition; purchased May '82. Will sell or trade for a Bearcat 20/20, or will consider paying cash difference for a Bearcat 20/20 Canadian model. $ 275.00. Contact: HARRY McCABE (NC-008), 898 Old orangeburg Rd., Lexington, SC 29072 or phone 803-359-3669. (8-31-82)

FOR SALE: Sears 16 channel programmable scanner. All items included as shipped from Sears. AC/DC operated. $ 150.00. Contact: WILLIAM J. GIBBS, JR. (NC-009), Rt. 1 Box 271B, Columbia, NC 27925. (8-26-82)

WANTED: Bearcat 220 or 210XL. State condition and price. Contact: CRAIG THOMPSON (CA-VE-011), 978 E. Bower Way, Thousand Oaks, CA 91360 or phone 805-496-6552. (8-28-82)

WANTED: Regency ACT-20 scanner. Contact: GARY L. STURM (IN-045), 48781 Denton Rd. #37, Belleville, MI 48111 or phone 313-697-5806. (8-26-82)

FOR SALE: Realistic Pro-2001. $ 250.00. Contact: CHIP COON (NC-045), 4213 Oldfield Rd., Charlotte, NC 28211 or phone 704-542-9399. (8-26-82)

FOR SALE: Regency M-100. Excellent condition; under warranty. $ 150.00. Contact: BRENT BASINGER (CA-SB-016), phone 714-987-1462. (8-2-82)

WANTED: Bearcat 101's with or without tape recorder adapters. Also, people who would like to monitor radios of our company in San Gabriel or Orange County. Call or write. Contact: ROBB GREENSPAN (CA-LA-012), 3440 Wilshire Blvd. #801, Los Angeles, CA 90010 or phone 213-387-5335 or 714-835-7975. (8-11-82)

WANTED: Midland tri-band portable scanner with accessories. Also, literature on pagers, scanners, and electronic sirens that are no longer available (e.g. FYR-Fyter sirens, Johnson pagers, Sonar scanners, etc.). Contact: GARY HEDGE (NC-042), 3526 Johnson St., High Point, NC 27260 or phone 919-869-8573. (8-28-82)

FOR TRADE: Bearcat BC-300 fifty channel programmable scanner for Regency K-500 and Regency M-100. Bearcat in excellent condition. Contact: DENNIS RUDA (NY-057), 42 Harry L Dr., Johnson City, NY 13790 or phone 607-797-4394. (8-30-82)

FOR SALE: Regency E-106. 10 channel, 3 band crystal scanner with crystals. Excellent condition; with owner's manual. Will ship UPS $ 75.00 with or without crystals. Contact: DAVID GNESS (MA-118), 16 Dow St., Salem, MA 01970. (8-6-82)

WANTED: Will pay bottom dollar for Realistic PRO-2 or PRO-3. State condition and price. Contact: GEORGE DuBOIS (OR-001), 10048 NE Campaign, Portland, OR 97220. (8-30-82)

WANTED: Realistic Patrolman PRO-16 or PRO-16A. Will pay up to $ 100.00 maximum for a good unit in good condition. No crystals is OK. Contact: KEN W. WILSON (CA-OR-101), 2550 E. Ward Tr. Apt. 20, Anaheim, CA 92806 or phone 714-772-4163. (8-17-82)

FOR SALE: Regency M-100. Modifications include 10.8 IF, out of band programming, continuous monitoring while programming. Will ship UPS COD. $ 225.00. Contact: CHUCK O'CONNOR (CA-SC-017), 1833 Germaine Ct., San Jose, CA 95122 or phone 408-279-0548. (8-4-82)

********* 1980-82 R.C.M.A. Newsletter back issues are now available.

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BC-210XL	18 CHANNEL, FULL BAND COVERAGE, AC/DC	$237.00
BC-150	10 CHANNEL, 5 BAND COVERAGE, AC ONLY	$183.00
BC-160	16 CHANNEL, 5 BAND COVERAGE, AC ONLY	$207.00
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MONITORING & THE LAW

Eric P. Gaskell, Editor

Send all articles, references, copies of monitoring laws and questions pertaining to the legal aspects of monitor radio listening to:
Eric P. Gaskell, 1925 16th Ave., Apt. 210, Vero Beach, FL 32960.

Greetings to all and welcome once again to Monitoring and the Law for the month of November, 1982. I hope you all had a great summer, and as of this writing are either back in school or have returned to the job.

This month, I will deal with the scanner laws pertaining to the state of Indiana.

State of Indiana Statute 35-44-3-12: Possession of a portable police radio—

A. A person who knowingly or intentionally possesses a portable police radio commits unlawful use of a police radio and is guilty of a Class B Misdemeanor.

This section does not apply to the following:

1. A person who has written permission from a Chief of Police of any law enforcement agency to possess a portable police radio.
2. A person who holds an amateur radio license issued by the Federal Communications Commission.
3. A person who uses a portable police radio only in his dwelling or place of business.

C. The meaning set for a portable police radio:

1. A radio receiving set that is capable of receiving set signals from set radio frequencies issued by the Federal Communications Commission to Public Safety Agencies.
2. Can be operated while being carried by an individual.
3. Can be installed, maintained, and operated while in a motor vehicle.

I hope the above information is of help to members. I would sure like to hear from all members who have worthwhile information on the scanner laws in either their state or local communities.

Well, I guess that's about all for this month. Please keep your letters coming in regard to monitoring laws.

photo department

Send photographs of custom monitor listening posts, unusual or extensive monitor or two-way antenna systems, user station consoles (PD, Fire, Paramedics, etc.) or other monitor/two-way related equipment of interest. Photographs must be 3 x 5 inches or larger, black-and-white with good contrast, sharply focused and attractively composed. Each photo must be accompanied by details and explanations of equipment. Photos will not be returned. If you have questions, write first and please include an SASE. Send photos or write to:

Hugh Stegman, 11622 Exposition Blvd., #2, Los Angeles, CA 90064

Hi!

As I type up this column on a 101-degree September day, I am watching L.A. city FD helicopters making water drops on a brush fire up the hill a bit in Griffith Park. They are refilling themselves about fifty feet to the right of the area shown in this month's first picture!

This is a city-operated radio site atop 1800' Mt. Lee, one of the world's most-photographed landmarks due to the HOLLYWOOD sign just below. I like this particular shot because the sign still says HULLYWOOD, there having been some trouble with the first O a few years back. After a bad 1978 flood further modified the sign to read UL VWOO , people like Alice Cooper chipped in and restored the letters better than ever. I believe that pieces of the old ones are for sale somewhere. But I digress...

The tower and transmitter building date from 1939, when the Don Lee Broadcasting Co. began experimental TV broadcasts under the call sign W6XAO. In World War II, Civil Defense started using the surrounding 20-acre site for some pretty wild training exercises. They built bunkers and even got into nuclear war simulations when there were funds for such things. Now the only remaining non-radio related activity is the LAFD helipad.

The TV station is now KHJ-TV on channel 9, and when it moved to Mt. Wilson in the early 60's the city took over the facility for remote base stations. It is one of eight such sites, linked with dispatch centers and one another by microwaves. I hope most of the 50 verticals for VHF and UHF reproduce here. Every square inch is covered! Transmissions occasionally get into wireless mikes used by movie and TV crews in nearby Griffith Park. To suddenly hear, "Unit calling O.C.D., repeat" during a tender love scene is fairly disconcerting. There are still advantages to filming in studios!

Finally we see my favorite intersection, 5800' above Pasadena on the incredible chunk of vertical granite called Mt. Wilson. Behind is part of KNBC Channel 4's tower. Until every square foot of real estate filled up, most local TV and FM stations built transmitters here, a fact not lost on whoever named the streets.

With the demise of Skyway Park, plus the closing to visitors of the historic observatory with its 100-inch telescope, the corner of Video and Audio has become a spooky place. Often only the subliminal humming of outhouse-sized power transformers and the whissssh of wind through antennas breaks the silence. Not a bad spot to make a sci-fi flick!

Despite the effects of this concentrated RF broadside on local scanners, I know of no plans to rename these streets Intermod Avenue and Image Way.

73, and send pictures!

Railroads

Gary L. Sturm and
Bill Farmer, Editors

Send information about railroad frequencies and their uses, railroad radio system details, and related questions to:
Gary L. Sturm, 48781 Denton Rd., Apt. 37, Belleville, MI 48111.

This month, Terry of Indiana has submitted some interesting data from the latest Norfolk and Western timetable. Terry lives in Fort Wayne and has listed the various base stations and the channels that they are using. The N&W's former Wabash Railroad line crosses their ex-Nickel Plate Road line at Fort Wayne. The New Haven IN dispatcher has both Channel #2 (161.250 MHz.; ex-NKP) and Channel #3 (160.440 MHz.; ex-Wabash) in his control. All other stations are listed accordingly.

Districts	Base Station Locations
Fostoria District Channel #2 161.250 MHz	Fostoria OH (Blair Yard) Leipsic OH (DT&I Crossing) Latty OH (CR Crossing; ex-Pennsy RR)
Chicago District Channel #2 161.250 MHz	New Haven IN (East Wayne Yard) * South Whitley IN Argos IN (N&W Station) Thomaston IN (C&O Crossing) Hobart IN (EJ&E Crossing)

*New Haven IN has both Channels #2 and #3

Continued on page 36

Detroit District	Oakwood MI (Oakwood Yard)
Channel #3	Milan MI (Ann Arbor RR Crossing)
160.440 MHz	Adrian MI (Lenawee County RR Crossing)
	Montpelier OH (Montpelier Yard)
Huntington District	Butler IN (CR Crossing)
Channel #3	Huntington IN
160.440 MHz	Peru IN (C&O Crossing)

Terry says that compared to the year 1973, the Norfolk and Western has closed many manned towers. This is what is happening with many of the railroads in today's economy. If anyone would have a copy of the 1968 timetable we would like to obtain a copy of the pages that list the radio stations in use at that time.

Terry is also planning to write an article for us describing the different types of mobile and base station antennas that the railroads use. Hopefully this article will be in print soon.

Here is a listing of radio frequencies for some of the shortlines which have recently begun operations:

Dakota Rail	161.055	General Operations
Eastern Shore	161.445	General Operations
	160.800	Conrail Interchange
Indiana Hi-Rail	160.590	Yard
	160.845	Dispatcher
Mahoning Valley	160.515	Switching
	160.695	Switching
	160.815	Switching
	160.965	Switching
	161.115	Switching
	161.355	Switching
	161.475	Switching
Ohio Rail	160.845	General Operations
Tradewater Railway	160.635	General Operations

THE USE OF MICROWAVE BY THE RAILROADS

A large number of railroads have microwave systems along their rights-of-way to provide the necessary communications for railroad operation. In years past, the railroads' pole lines along their rights-of-way provided for their communications needs. The pole line carries not only the physical telephone and teleprinter services but also land line carrier for the same use. In recent years, the pole line has been supplemented by the use of microwave to obtain the additional channels that are required due to the extensive use of direct dialing telephone communications over the entire railroad, as well as to provide for the communications required for data and control of VHF radio transmitters for point-to-train and other point-to-mobile communications.

A railroad microwave system differs from the microwave systems of other users primarily in the fact that it is required to branch off at a large number of repeater points to provide for local waystation communications and VHF control, as well as to provide for extensive branch line operations which feed off of the main line right-of-way of the railroads. This type of microwave system requires different groups of frequencies on the baseband to break off the main system to the different localities, thereby requiring extensive use of the baseband to cover the entire operation needed. For example, there may be 48 channels going one direction and a few miles farther on, another group of 60 channels might break off to another part of the railroad. This condition keeps up along the backbone operation of the microwave

system. Under these conditions, the microwave systems that are available for private users have a maximum of 420 channels. Often this entire baseband is allocated in segments to different parts of the railroad. In the process of providing service for the different branches off of the main system, there may be only 50 percent loading of the total number of voice channels. Regardless of the loading factor, the total bandwidth must be made available and is used to provide for the service required.

—from *The Need For and the Use Of Radio by the Railroads*, published by the Association of American Railroads, Washington DC.

When sending frequency data to us, please make sure you include the exact use the railroad makes of each channel, such as road channel, yard channel, dispatcher, car department, etc. This makes the information much more useful. When sending data on public transit systems, please limit your inputs to those systems that run on rails and do not include buses. We would like to keep this strictly a railroad column.

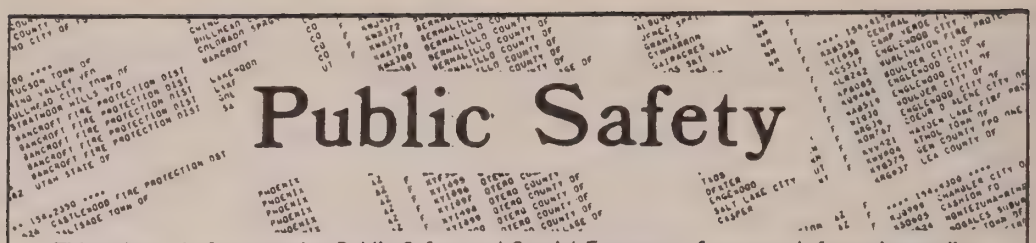
We still need frequencies for many railroads. Some of these are:

UP	Kansas City	CN	Toronto
UP	Pocatello ID	CN	Montreal
BN	Memphis TN	CN	Thunder Bay
ICG	Memphis TN	CN	Winnipeg
CR	Toledo OH	MARTA	Atlanta GA
CR	Conway Yard PA	All new shortlines	

If you need further information on railroad radio, don't hesitate to write. Please include a SSAE with your requests or questions.

—Gary & Bill

PAID ADVERTISEMENT



Public Safety

This column is for reporting Public Safety and Special Emergency frequency information, radio system details, radio codes, dispatch areas, unit numbering systems, etc. for police; sheriff, fire, forestry (except USFS), fish and game, highway patrol, state police, prisons, prisoner work camps, local government, highway & street maintenance, port authority/bridge maintenance, animal control, ambulances, paramedics, hospitals, life guards, ski patrol, search & rescue, flood control, civil defense and disaster organizations. Input and questions for this column must be sent to the proper regional Public Safety editor listed below.

PUBLIC SAFETY — NORTH EAST:

Send Public Safety and Special Emergency frequencies, radio system details, and questions as follows – New England states, New York, Pennsylvania, New Jersey, Maryland, Delaware and District of Columbia:

Richard Barnett, P.O. Box 428, Newton Highlands, MA 02161.

Greetings from the Northeast! Just a couple of things to report this month, most notably that the Southern New England Chapter of the R.C.M.A. held its first meeting on thursday night, August 26th, at the Hope Jackson Fire House in Scituate, Rhode Island. The meeting was attended by a number of members from Massachusetts and Rhode Island along with a New Hampshire member. Because the meeting was held with such short notice, no Connecticut members were able to attend, however we hope that our friends down there will be able to make future get-togethers. If you are interested in attending the next meeting, you can write to Denis Dandeneau for information. You can reach Denis at Post Office Box 7052 Warwick, Rhode Island 02887. You can also call Denis at 401-828-1641. Finally, as the summer season has not yet left us as of this writing I would like to urge you all to please contribute. Summer has always translated itself into little input for us column editors and I would feel very guilty if I didn't ask you all again to please send "stuff" in. Thanks.

New England

Rhode Island From Elmer and others:

STATE DEPARTMENT OF TRANSPORTATION

The Rhode Island State Department of Transportation (or state public works) utilizes 47.220MHz for their communications with a backup frequency of 47.340. Vehicles operate out of Maintenance Headquarters, the State Office Building and the nine separate division garages. The following is the department's communications outline:

Providence Division: Cherry Hill Garage; Lincoln Garage

Northwest Division: Glocester Garage; Scituate Garage

Kent Division: Howard Garage; Anthony Garage; Thornton Garage

Washington-North Division: Belleville Garage; Block Island Garage

Washington-South Division: Hope Valley Garage; Westerly Garage

Bristol Division: East Providence Garage

Newport Division: Portsmouth Garage; Middletown Garage; Little Compton Garage

Narragansett Division: Point Judith Garage; Charlestown Garage

BASE	KNOWN AS	CALL SIGN	CARS	TRUCKS
Director's Office		KCH-738	22	0
Maintenance Headquarters	Base 1	KCH-738	15	16
Traffic Maintenance	Base 2	KCH-738		
Bridge Maintenance	Base 3	KCH-738		

Construction	Base 4	KCH-738			
Chief Highway Supervisor	Base 5	KCH-738			
Safety & Equipment					
Defense Civil Preparedness	Base 6	KCH-738	0	2	
Cherry Hill	2A	KAU-562	1	9	
Lincoln	2B	KAU-564	0	13	
Scituate	2C	KAU-563	0	11	
Glocester	3B	KAU-566	1	11	
Anthony	4A	KAU-456	0	15	
Thornton	4B	KAT-787			
Howard	4C	KAU-455	1	13	
Belleville	5A	KAU-570	1	16	
Block Island	5B	KAU-571	0	2	
Hope Valley	6A	KAU-569	1	9	
Westerly	6B	KAU-568	0	5	
East Providence	7A	KAU-457	1	18	
Portsmouth	8A	KAU-454	1	5	
Middletown	8B	KAU-453	0	5	
Little Compton	8C	KAU-572	0	5	
Point Judith	9A	KGP-610	0	6	(9-A may be C.D.
Charlestown	9B	KAU-567	0	5	with 9-C C.D. at
Maintenance Headquarters	10	KDQ-299			U.R.I.)
Defense Civil Preparedness	Base 11	KDQ-299			
T.F. Greene Airport	12	KGP-611			
Airport Weather Bureau	13	KGP-611	"Weather One"		

Weather & Road Conditions Reporting Code:

Weather
"W" followed by appropriate numeral and temperature.

W-1 Clear
2 Partly Cloudy
3 Cloudy
4 Raining
5 Freezing Rain
6 Sleeting
7 Light Snow -give accumulation in inches
8 Heavy Snow -give accumulation in inches
9 Storm Over -give total depth for this storm

Road
"R" followed by appropriate numeral.

R-1 Pavement Bare and Dry
2 Pavement Bare and Wet
3 Snow on Pavement
4 Ice on Pavement
5 Slush on Pavement
6 Pavement Partly Bare
7 Slippery in Spots

(Note: Reporting codes such as these may be quite infrequently used.)

Transmission Control:

Condition I -- Normal: No restrictions on transmissions except as prohibited by department directives and F.C.C. rules and regulations.

Condition II -- Heavy Traffic Due to Storms, Floods, etc.: No restrictions on mobile to base transmission, car to car transmission prohibited with the exception of supervisory personnel, base to mobile transmissions as short as possible. All unnecessary instructions and communications not dealing with the existing situation are prohibited.

Condition III -- Extra Heavy Statewide Traffic: All base and mobile units shall remain quiet except as permitted in the following schedule:

H Beginning of each hour and half hour
H to H 10 minutes 2-A, 8B, 6B, 4A, 5C, 7A

H 10 to H 20 minutes 6C, 8C, 4C, 3B, 5B, 2B
H 20 to H 30 minutes 6A, 5A, 8A, 2C, 4B, 3A
1, 10 may transmit at any time.

Condition IV -- Local Emergency: Full priority shall be given to station in designated area.

Condition V -- Distress Traffic Involving Life or Death or Severe Personal Injury: This condition automatically takes precedence over any other condition. All station, base and mobile, except those actually engaged in handling the distress traffic, will remain silent until the condition is cleared.

(Note: 47.220MHz may be called "F-2" and 47.340 "F-1".)

MASSACHUSETTS

BOSTON FIRE DEPT. INCIDENT TYPE CODE

INCIDENT TYPE CODE-FIRE OR EXPLOSION BASIC CODE 1

110 Building, and Contents, or Building Only
111 Building, Contents Only
112 Building, Rubbish Inside
113 Bridge, Trestle, Overhead Elevated Structure
114 Building, Chimney or Flue
115 Building, Incinerator
116 Pier, Quay, Pilings
117 Tunnel
118 Utility Co. Equipment (Manhole, Transformer Vault)
119 Fire Detail

120 Public Mail Box
121 Fence, Pole
122 Other Outside Fire: Material Has Definable Value

130 Road Transport Vehicle: Passenger
131 Road Transport Vehicle: Transport
132 Rail Transport Vehicle
133 Water Transport Vehicle
134 Air Transport Vehicle
135 Heavy Equipment
136 Special Vehicle

140 Forest, Brush, Grass, or Standing Crops

150 Rubbish, Trash, Waste
151 Dump
152 Dumpster
153 Compacter
154 Catch Basin

160 Explosion, No After Fire

170 Outside Spill, Leak with Ensuing Fire

190 Fire, Explosion Not Listed Avove

INCIDENT TYPE CODE-OVERPRESSURE (NO COMBUSTION) BASIC CODE 2

212 Steamline Rupture

220 Air Compressor Tank Rupture
221 Overpressure Rupture of Oxygen Tank
222 Overpressure Rupture of Other Gas Tank
223 Overpressure Rupture of Gas Pipe Line

290 Overpressure Rupture Not Listed Above

INCIDENT TYPE CODE-RESCUE, E.M.S, CALLS BASIC CODE 3

310 Inhalator
320 E.M.S. Call(Includes First Aid and Checking for Injuries)
321 Medical Assist
322 Vehicle Accident with Injuries (Includes Marine & Aircraft Accidents)

OPEN LETTER TO ALL RCMA MEMBERS, OLD AND NEW:

9 September 1982

I am one of the founding fathers, and am still a volunteer worker. I handle all those renewal checks you folks send in. During this process I see a lot of letters from the members that contain both good and bad comments. I also see a lot of problems, so I decided to speak up.

To begin with, all the work gets done by volunteers (no pay). The editors are volunteers too - the only break they get is that they don't pay dues (or they're not supposed to). The only paid personnel in RCMA are the people we hire to do the printing and mailing of the newsletter. The treasurer, secretary, etc., are all volunteers. If all the processing of the mail you members send in, which includes the new member applications, etc., were not handled by volunteers, the dues would be much higher than they are.

All the paperwork is passed from one officer to another through the mail. We don't and can't all live next door to one another - nor can one person do it all. In renewals alone, we process approximately 200/300 a month. This all takes time and effort. Most of the time everything moves along fine, but due to the fact that some of the members don't take the time to read some of the notices in their newsletters, things get fouled up now and then.

The newsletter is the only way for the officers to communicate with the members and vice-versa. Have you ever read the inside of the front cover? The most common complaints I see in notes from members are: "Why don't you print some freq.s for my area?" and "Why isn't there a column for this or that?" Sometimes there is a suggestion that "We need an editor." Any volunteers? The newsletter is based on various columns sent in by members - so when a column is short or missing, it's probably because the members aren't sending in anything. It's all up to you, THE MEMBER!!

Now to my area of concern - renewals. All but about

ten percent are no problem at all. This ten percent aren't following rules. We can't afford to print them in each issue of the newsletter, but they usually appear at least once or twice each year. RCMA has never been very strict or tight when it comes to dropping members for non-renewal, and they probably never will be. After all, we are a non-profit organization and are interested in radio, not money. If you do forget and are a little late with your dues, you probably won't get dropped. Our policy is two months past due before you get the ax. We've never dropped anyone early, and have even had people go for four months before we "got 'em". I get letters asking why a member got dropped in June, when they sent a check in May. Answer: Because the membership was up in February!!

We stopped sending out renewal notices over a year ago. We just couldn't handle the logistics of another job and the increased cost of mailing was just prohibitive. More volunteer workers might help, but it's been the same since time began - a few doing the work for the many. A simple way to find out when your membership is up is to check the right hand corner of the mailing label on your newsletter - the month and year are there. You should know about when your dues are up, but on your last issue of the newsletter, we put a reminder. Get in the habit of checking the label now and then.

Another problem that slows processing is that many members are not putting their I.D. numbers on renewal checks. This can lead to having your check credited to another person's membership number if they have a similar name. I now am holding a check because there is no I.D. number,

no printed name on the check, and the signature is so bad that I can't read it! Somebody's payment is waiting until they yell! So please put your I.D. number on all checks and all correspondence.

Please enclose a self-addressed, stamped envelope if you want a reply to your correspondence. I receive approximately 25 requests for some type of answer to questions concerning membership per month. Our postage bill is getting so high, that if the question isn't VERY important, no reply will be sent unless there is a SASE enclosed.

Now that I have that off my chest, here are a few other minor problems: some checks aren't made out in the correct amount to cover the current dues - We prorate them, as to do otherwise takes too much time and expense. Once in awhile we get two checks, several months apart, from the same member. Rather than return one, we just extend the dues period. If you find that you didn't send the correct amount and want to correct it by sending another check for $3-5, please don't. Just wait until the next time your dues are up, as that really fouls things up. That's why some of you members don't have the same due date as you had before - somehow you messed up the payment, and we adjusted it.

As suggested before, please read the inside cover of the newsletter. It gives direction on how to contact various editors and sections of the club. The main Post Office in Anaheim might pigeon-hole it if it doesn't have the correct address, and it could be delayed indefinitely.

over

The operation of RCMA is by the members, for the members. If you want something to be bigger, better, etc., get involved and help make it happen. It doesn't matter how much you know about the hobby, or where you live - most of the business has, and probably always will be, done by mail and telephone. So get involved, participate, or keep your opinions to yourself.

Remember, this work is all done by volunteers, who also work full time, and that most of the material has to be passed through the mail. This sometimes causes problems and delays, so please be patient. Please follow the guidelines: pay on time, use your I.D. number, and send a SASE if you have a question.

We welcome volunteers, suggestions, and constructive criticism.

George G. Pond CASB-8
P.O. Box 408
Earp, CA 92242

330 Lock-In (Not a Lock-Out,510)
340 Search
341 Water Search

350 Extrication,Removal of Victim(s) (Includes Persons Released from Stalled Elevators, Extricated from Wreckage Etc.)
360 Drowning,Potential Drowning
361 Person Trapped On Ice
362 Water Rescue

370 Electrocution

390 Other Rescue,E.M.S. Call Not Listed Above
391 Rescue or E.M.S. Stand-by

INCIDENT TYPE CODE-HAZARDOUS CONDITION BASIC CODE 4
410 Gasoline Spill,or Other Flammable Liquid
411 Odor of Gas,Gas Leak (Domestic or LP)

420 Explosive,Bomb Removal (Not a Bomb Scare,720)

430 Food on the Stove
431 Excessive Heat
432 Heat from Short Circuit,Defective or Worn Insulation
433 Overheated Motor
434 Breakdown of Light Ballast

440 Power Line Down

451 Arcing,Shorted Electrical Equipment

460 Aircraft Stand-by

470 Chemical Spill
471 Radiation Leak,Radioactive Material
472 Refrigeration Leak

480 Attempt to Burn

490 Other Hazardous Condition Not Listed Above
491 Building Weakened or Collapsed
492 Gas Appliance Defective,Malfunction,or Misuse,Oil Burner Delayed Ignition

INCIDENT TYPE CODE-SERVICE CALL-BASIC CODE 5
510 Lock-Out (Not a Lock-In,330)

520 Water Evacuation

530 Smoke or Odor Removal

540 Animal Rescue

550 Assisted Police or Other City Department
551 Police Matter

560 Unauthorized Burning

570 Mutual Aid-Line Box (No Duty,or False Alarm)
571 Mutual Aid-Coverage Only
572 Mutual Aid-Response to Fire Only
573 Mutual Aid-Coverage & Response
574 Covered Other Boston Company
575 Covered Other District

590 Other Service Call Not Listed Above
591 Water or Steam Leak (Includes Open Hydrants)
592 Public Service
593 Vehicle Accident-No Injuries
594 Defective Elevator-No Injuries (Use 350 if Person(s) Released)

INCIDENT TYPE CODE-GOOD INTENT CALL-BASIC CODE 6

610 Smoke Scare,Odor of Smoke
620 Wrong Location
630 Controlled Burning
631 Friendly Fire (Barbecue,Tar Kettle)
640 Incident in Other Location (Vicinity Alarm)
650 Steam,Vapor,Fog,or Dust for Smoke
660 E.M.S. Call Where Injured Parties Left Scene or Transported Prior to Arrival
690 Other Good Intent Call Not Listed Above

INCIDENT TYPE CODE-FALSE ALARM/FALSE CALL-BASIC CODE 7

710 False Alarm Malicious-Box
711 False Alarm Malicious-Box or Still from Educational Instution
712 False Alarm Malicious-Still

720 Bomb Scare

730 Alarm System Malfunction-Sprinkler
731 Alarm System Malfunction-Smoke/Heat Detector or Manual

740 Accidental Alarm (Includes Knockdowns)

790 Other False Alarm/False Call Not Listed Above

INCIDENT TYPE CODE-NATURAL DISASTER-BASIC CODE 8

810 Earthquake
820 Flood
830 Wind Storm (Includes Hurricane,Tornado,Cyclone,Etc.)
840 Lightning Strike-No Fire
890 Other Natural Disaster Not Listed Above

INCIDENT TYPE CODE-OTHER SITUATION-BASIC CODE 9

910 Citizen Complaint

990 Other Condition Not Listed Above
991 Assisted Other District (At Fire)

NEW YORK

CITY OF NEW YORK FIRE DEPARTMENT RADIO CODE SIGNALS

-INSTRUCTIONS-
10-01 Call your quarters
10-02 Return to your quarters
10-03 Call dispatcher by phone
10-04 Acknowledgement
10-05 Repeat message
10-06 Stand-by
10-07 Verify address
10-08 In service by radio
10-09 Off the air
10-10 What is your location
10-11 Request radio test count
10-12 1st arriving unit, give preliminary
10-13
10-14 Breakdown of apparatus
10-15
10-16
10-17
10-18 Return all units except Engine Co., Ladder Co. required at scene
10-19 Retrun all units except unit required at scene
10-20 Proceed to box location at reduced speed

-PRELIMINARY REPORTS, FIRE-
10-21 Brush fire
10-22 Outside rubbish fire
10-23 Abandondoned derilect vehicle fire
10-24 Auto fire
10-25 Manhole fire, condition
RED: (a) Fire extended to building
(b) Gas main leaking area

(c) Gas leaking in structure
ORANGE: One or more manhole covers blown
YELLOW: Smoke seeping from manhole
WHITE: Fire in building (main fuse box affected)
------MANHOLE FIRE OF TRANSFORMER VAUALT
CODE 1: (a) Manhole fire extended to building(s)
(b) Gas main leak
(c) Uncontrollable gas leak in structure
CODE 2: Blown manhole cover(s) or smoke issuing under pressure, Fire Department standing-by
CODE 3: Smoke seeping from manhole - conditon less severe than 1 or 2
CODE 4: Building fire extends to main fuse box
10-26 Food on stove
10-30 Request for 2 engines (one engine & squad), 2 ladders & a Battation Chief response
-PRELIMINARY REPORTS, EMERGENCIES-
10-31 Clogged incinerator
10-32 Defective oil burner
10-33 Odor of smoke
10-34 Sprinkler malfunction
10-35 Defective alarm system
10-36 Auto emergency
CODE 1: Accident and/or washdown - Gasoline spillage
CODE 2: Accident - No gasoline spillage
10-37 Assist civilian
10-38 Steam leak
10-39 Water condition
CODE 1: Water leak in structure
CODE 2: Broken water main in street
-ADDITONAL ASSISTANCE-
10-41 Incendiary or suspicious fire - notify fire marshall
CODE 1: Occupied structure, definite indications of incendiarism. Fire marshall to respond.
CODE 2: Occupied structure, while no definite indications of incendiarism, witnesses and/or other civilian have information that may be of value. Fire marshall to respond.
CODE 3: Vacant building. Heavy volume of smoke & Fire indicates definite incendiarism. Fire marshall to respond as other priorities permit.
CODE 4: Vacant building. Obviously incendiary and it appears that there is very little chance of apprehension or obtaining information leading to same. Notification for fire marshalls evaluation.
10-44 Request for public ambulance.
10-45 Possible D.O.A.
CODE: 1. Victim deseased
2. Victim possibly deseased
3. Victim suffering serious injuries which may lead to desease of the person
10-47 Request for Police assistance (harrasment)
-NOTIFICATIONS-
10-51 Cancellation of all outside activities for this period
10-59 Water pressure alert Phase 1
10-60 Water pressure emrgency Phase 2
10-68 Restrict use of telephone, voice alarm and radio to absolute minimum
10-70 Inline pumping
-MISCELLANEOUS-
10-75 Request for three engines, two ladders, and a battalion chief respons
10-84 Announce arrival at box
10-92 Malicous false alarm
10-99 Units will be operating at least 30 minutes

Pennsylvania

From Thomas (PA-017):

Enclosed is information about the city of Pittsburgh's new Fire Department re-organization plan. The plan went into effect on June 2nd, 1982. Also, the city's 3,000 fire box districts have now been reduced to "80 Zones."

154.1300 KGA519 "Fire Alarm"

PITTSBURGH FIRE DEPARTMENT

COMPANY	DISTRICT		CENTER NO.	PHONE NO.	ADDRESS
Deputy			2251	566-9038	1334 Forbes Ave., 15219
B.C. 1	1		2298	566-9038	210 Stevenson St., 15219
B.C. 2	2		2297	682-9444	McKee Pl. & Louisa St., 15213
B.C. 3	3		2295	361-9778	Penn Circle W. & Broad St., 15206
B.C. 4	4		2296	431-9912	S. 18th St. & Mary St., 15203
B.C. 5	5			431-9665	Virginia Ave. & Shiloh St., 15211
B.C. 6	6		2249	231-9586	New Safety Bldg.1315 Federal St.15212
1	1		2250	566-9623	344 Blvd. of the Allies, 15222
2	1		2269	566-9623	341 First Ave., 15219
Sq.3 - 3	1		2271	566-9385	14th St. & Penn Ave., 15222
Sq.1 - 4	1	BC1	2290	566-9038	210 Stevenson St., 15219
5	1		2252	682-9092	Webster, Bedford & Herron Aves.15212
6	3		2253	682-9199	Penn Ave., & 40th St., 15201
7	3		2273	781-9882	Stanton & Hawthorne St., 15201
8	3	BC3	2255	361-9778	Penn Circle W.& Broad St., 15206
Sq. 9 -9	3		2273	781-9882	Stanton & Hawthorne St., 15201
Sq.10-10	2		2286	682-9794	Allequippa & Witridge St., 15213
Sq.11-11	2		2267	682-9901	S. Millvale & Maripoe St., 15213
12	2		2270	521-9695	Winterburn & Farnsworth St., 15207
13	2		2259	521-9682	Flowers Ave. & Gertrude St., 15207
14	2	BC2	2266	682-9444	McKee Pl. & Louisa St., 15213
15	3		2274	361-9534	Lemington & Missouri St., 15206
Sq.16-16	3		2260	241-9276	Penn & Lang Aves., 15208
17	3		2268	241-9264	Braddock & Hamilton Aves., 15203
18	2		2272	521-9857	Northumberland St. & Ashbury Pl.15217
19	2		2289	241-9517	Homestead & Commercial St., 15218
20	4		2262	461-9583	514 Baldwin St., 15207
21	4		2263	431-9738	Walter Ave., & Proctor Way, 15210
22	4		2264	431-9553	1945 Arlington Ave., 15210
23	4		2265	881-9579	1704 Brownsville Rd., 15210
Sq.24-24	4	BC4	2258	431-9912	S. 18th & Mary St., 15203
25	4		2287	881-9834	2406 Saw Mill Run Blvd., 15234
26	5		2285	561-9900	Castlegate Ave.&Brookline Blvd.,15226
27	5	BC5	2261	431-9665	Virginia Ave. & Shiloh St., 15211
Sq.28-28	5		2288	561-9882	Beechview & Sebring Aves.,15216
29	5		2257	921-9405	S. Main St., 15220
30	5		2275	921-9471	Steuben St. & Lorenz Ave., 15220
31	5		2276	331-9259	Chartiers Ave. & Citadel St.,15204
32	6		2277	231-9447	Homer & Damas Sts. 15212
Sq.33-33	6	BC6	2278	231-9586	New Safety Bldg.1315 Federal St.15212
34	6		2283	231-9313	Perrysville Ave. & Bonvue St., 15214
35	6		2284	766-9887	1519 Orchlee St., 15212
Sq.36-36	6		2282	766-9931	Shadeland Ave. & Dickson St.15212
37	6		2279	231-9710	1124 W. North Ave. 15233
38	6		2280	231-9612	Essen St. at Penfort St., 15212
39	6		2281	231-9514	Lowrie & Froham Sts.,15212

Chief's Office

Chief	2860		6th Fl., Public Safety Bldg., 15219
Chief Clerk	2862		6th Fl., Public Safety Bldg., 15219
Deputy	2861		6th Fl., Public Safety Bldg., 15219
Administrative Deputy	2869		6th Fl., Public Safety Bldg., 15219
Arson Investigation	2497		6th Fl., Public Safety Bldg., 15219
Fire Prevention	2863/2866		6th Fl., Public Safety Bldg., 15219
Captain/Lieutenant	2864		6th Fl., Public Safety Bldg., 15219
Compensation/Fire Reports	2865		6th Fl., Public Safety Bldg., 15219
Fire Alarm	2292		3rd Fl., Public Safety Bldg., 15219
Fire Academy	2291	441-5177	Washington & Negley Run Blvds.15206
Pension Fund	2968		214 City-County Bldg., 15219
Credit Union		321-3986	Suite 220, Martin Bldg.
		321-3990	119 Federal St., 15212
Volpe-Rogal	2588		Room 227, City County Bldg., 15219

City of Pittsburgh Paramedic Unit Locations:

Medic 1 -Penn & Lang Avenues (Point Breeze) Engine Company #16
Medic 2 -2406 Saw Mill Run Boulevard (Overbrook) Engine Company #25
Medic 3 -312 South Main Street (West End) Engine Company #29
Medic 4 -Federal & Lafayette Streets (North Side)
Medic 10 -Same
Medic 5 -Allequippa & Witridge Streets (Oakland) Engine Company #10
Medic 6 -Butler & McCandless Streets (Lawrensville)
Medic 7 -W-nterburne & Farnsworth Streets (Greenfield) Engine Company #12
Medic 8 -South 18th & Mary Street (South Side) Engine Company #24
Medic 9 & Rescue 2-24 -8th st. (Downtown)
Rescue 1 -700 Filbert Street (Shadyside)
Medic 11 -?

As you can see, some of the medics are stationed at Fire Houses, but are dispatched by the city police radio (453.100 channel #1, 453.250 channel #2). Rescue 1 & 2 are special equipped units (Jaws of Life, etc.). The following frequencies are used:

462.950 -Dispatch One "Pittsburgh Medic Command, KZJ976"
462.975 -Dispatch Two " " " "

463.0250 -Med Two; 463.0750 -Med Four; 463.1250 -Med Six; 463.1750 -Med Eight;

Hear System -155.400, 155.340

C-1 City Fire Chief Charles Lewis
C-2, C-6 Deputy Chiefs
F.P. 1 -F.P. 11 -Fire Prevention & Arson Squad Units
T.A.-1, T.A.-2 -Training Academy
G.T.-1 -Gas Truck
S.A.-1 -Salvation Army Mobile Canteen Unit
S.A.-2 -Salvation Army Mobile Canteen Unit
(Stationed at the Glendale volunteer fire company in East Carnegie, PA. The area of coverage is the South End of the city and the south hills of Allegheny County.)

NEW JERSEY

From Rickey

East Brunswick, New Jersey Independent Fire Company

Used for all three volunteer companies in East Brunswick (Independent, Brookville and Old Bridge)

1. In Service
2. Proceed with Caution
3. Arrived at Scene
4. Return to Quarters
5. Proceed with Discretionary Caution
6. Trouble Unit____
7. Out of Service
8. Working Alarm
9. Proceed to Siamese and Stanby
10. Hook-up and Charge
11. Stand-by
12. Release Men
13. Call by Land Line
14. What is your Manpower?

East Brunswick Police

10-01 One Man in Car
10-02 Two Men in Car
10-03 Receiving Poorly
10-04 Acknowledgement
10-05 Relay Message
10-06 Back up Patrol Car
10-07 Out of Service
10-08 In Service or Cleared Up
10-9
10-10 Out of Service, Subject to Call
10-11 Dispatching too Rapidly
10-12 Visitors in Car or Station
10-13 At Lunch -Where?
10-14 Escort
10-15 Prisoner in custody
10-16 Pick-up Prisoner at___
10-17 Bomb Threat
10-18 Complete Assignment ASAP
10-19 Return to Your Station
10-20 What is Your Location
10-21 Call this Station by Phone
10-22 Time Check
10-23 Stand-by
10-24 Trouble at Station
10-25 Domestic at____
10-26 Trouble with Juvenile at____
10-27 Prowler
10-28 Dog Complaint
10-29 Dog Bite
10-30 Burglar Alarm
10-31 Entry or Attempt
10-32 Larceny or Attempt
10-33 Hold-up
10-34 Suspicious Automobile

10-35 Suspicious Person
10-36 Accident (give location)
10-37 Accident with Injuries (give location)
10-38 Hit & Run Auto
10-39 Motor Vehicle Violator
10-40 Need Rescue Squad
10-41 Assist Rescue Squad
10-42 Lost Child
10-43 Drowning
10-44 Is Drunkometer Opr. Available?
10-45 Drunk Driver
10-46 Fire Alarm (give location of fire)
10-47 Need Fire Departemt(s)
10-48 Traffic Control
10-49 Disorderly Person
10-50 Police Officer in Trouble -Assist
10-51 Check for Wanted
10-52 Detective Bureau wants to see
10-53 Detective Needed at Scene

Editor's Note--Next month Eric Schneider of 7509 Springlake Drive B-2, Bethesda, Maryland 20817 will take over as sub-column editor for Maryland and Washington, D.C. Please send all correspondence relating to that area to Eric.

PUBLIC SAFETY — SOUTH EAST:

Send Public Safety and Special Emergency frequencies, radio system details, and questions as follows — Florida, Georgia, N. Carolina, S. Carolina, W. Virginia, and Virginia:

William Mauldin, 2268 N.W. 30th Rd., Boca Raton, FL 33431

Hello Everyone! And, GREETINGS from PUBLIC SAFETY - SOUTHEAST.

I am your new editor for this section. Seems like the entire RCMA magazine has changed in the past few months. It is nice to be a part of this change, and I hope that the new faces in the crowd can make the publication more interesting for all of the membership! Before I get into a brief personal background, please let me add these comments... Many of you out there are reading the magazine each month and not helping out!! To make this a better section, with more up-to-date information, I NEED YOUR CONTRIBUTIONS! I took this job because I wanted to see a better club publication, and with your help, it CAN be! Please send me some of that data in your notebook! I know everyone out there has tons of notes, just as I do! I am going to keep the PUBLIC SAFETY - SOUTHEAST in a computer. If you send me just one tiny frequency each month, it will help our club and certainly be of interest to all others reading the club magazine as you are doing! ALL CONTRIBUTIONS WILL NOT ONLY BE APPRECIATED, BUT WILL BE ACKNOWLEDGED!

My name is Bill Mauldin. The address for all mail is 2268 N.W. 30th Road, Boca Raton, FL 33431. As for my background... Well, I am a Captain flying the 727 for Pan Am out of the Miami crew base. I was with National Airlines until Pan Am bought us out several years ago. The situation is still taking a little adjustment. I have a background of 14 years in radio and TV announcing and production, have done some national agency commercials and presently run William Mauldin Productions, Inc., a recording studio with radio related products. My background also involves quite a few years in law enforcement. I am presently certified in both North Carolina and Florida. My experience is on the county, state and federal levels. I am an avid amateur radio operator (KA4JUL) with an Advanced license. My main interest is in radio teletype (RTTY). I usually work 10, 15 and 20 meters during the daytime and on weekdays when the bands aren't so busy. I have been interested in radio monitoring for over 30 years. Enough of this!

SOUTHEAST - STATE PUBLIC SAFETY

This month the attention is given to the FLORIDA HIGHWAY PATROL. Each month, I would like to cover or re-cover a state law enforcement agency under the SOUTHEASTERN UNITED STATES listing. To do this, I am going to need up-dates and information, along with comments, from all of YOU living in these areas! Since this information is from my files, I will add my comments along with the data from my files...

The FLORIDA HIGHWAY PATROL recently switched from the low bands to VHF. Many of us down here wonder why. The low band gave the mobile units much better coverage. It was a good system as it was - operating mainly on 45.060 MHz. The new VHF system has been playing modification and catch-up ever since it was put into operation. The frequencies are listed.

Recently, the FHP has installed a repeater system on the three (3) base station frequencies in some of the more active sections of the state. Miami and Ft Lauderdale (TROOP E) are now operating with a mobile repeater system. All cars can be heard on the base station frequency. There are plans for repeaters in other sections of the state, and some are probably installed and operating.

There is also still quite a bit of activity on the old low band frequency

of 45.060 MHz. Drivers License Inspectors, Weight Troopers, State Department of Law Enforcement as well as other state enforcement agents have low band as well as VHF. FHP stations use 45.060 MHz as well as 155.370 MHz for station to station communications. If you go to Florida, keep your low band too!

The FLORIDA HIGHWAY PATROL - TURNPIKE is a different system and Troop! It sometimes seems that they are two different agencies, but it is all FHP. The laws are a little different, the radio system is certainly different, but the FHP trooper still looks the same even though he is assigned to the famous "Troop K" with headquaters in West Palm Beach and a sub-station in Orlando. This is an enforcement system and a maintenance system operating the full length of the Florida Turnpike on UHF with a system of cross-ties. The north system is call-signed "PATROL" and the south system is call-signed "PARKWAY". The change-over between north and south, which operate on the same frequencies, is at the 120 mile post in the Ft. Pierce area. The radio system is made up of four (4) UHF frequencies, two for enforcement and two for service and maintenance stations and personnel. It is highly directional and unless you are right on the road itself, you may not hear much unless you are close to one of the transmitter towers. There is also a microwave telephone system used by the radio dispatchers, patrol personnel and toll collectors at fixed locations. Radio units are in all toll plazas, patrol cars, maintenance vehicles and service areas. See this section in the listing. There are also some differences in the radio codes used.

As a personal observation, I found the FLORIDA HIGHWAY PATROL to be years behind other more progressive state patrol organizations. The radio code is NOT the one suggested by APCO generally speaking, showing less than a progressive attitude by patrol communications personnel. There is lots of needless chatter on the FHP radio as troopers have to ask permission for everything from "lunch" to "bathroom" stops. Cars must ask permission before talking car to car (10-55) even though there is a seperate simplex frequency (154.920) and all cars have a standard four frequency radio with priority scan control heads in case the station calls. FHP supervisors are constantly on the air with permission for this and that. The radio system was changed before the budget was ready. It was awful for years when troopers in the "glades" were "on their on" as no contact with the station was possible on the new VHF bands. The FHP uses 10-26 insead of the standard 10-4 acknowledgement. If you don't think that is awkard, pretend you're a dispatcher and say 10-26 about 4,000 times instead of 10-4.

FLORIDA HIGHWAY PATROL - THE SYSTEM

RADIO FREQUENCY ASSIGNMENT - Statewide FHP *Repeater Operation

CHANNEL NO.	FREQUENCY		FREQUENCY	
1	154.665 *	Base to Mobile	155.505	Mobile to Base
2	154.680 *	Base to Mobile	155.445	Mobile to Base
3	154.695 *	Base to Mobile	155.460	Mobile to Base
4	154.920	Simplex	154.920	Simplex
		(Speed tracking aircraft uses 154.920)		
	45.060	base & Mobiles	44.900	Mobiles to Base

FLORIDA HIGHWAY PATROL - TURNPIKE SYSTEM:

1	453.575 * Base to Mobile FHP	458.575	Mobile to Base
2	453.625 * Base to Mobile FHP	458.625	Mobile to Base
3	453.675 * Base to Mobile FHP	458.675	Mobile to Base
4	453.725 * Base to Mobile FHP	458.725	Mobile to Base
		458.575	Mobile Simplex (radar)
	(FHP Turnpike airplane has all)	458.675	Mobile Simplex (radar)

Additional TURNPIKE Call-sign identifications:

100s	Turnpike Officials, Radio Serv., Misc
200-349	Florida Highway Patrol Personnel (Number shows rank, Capt is 200)
350-399	Radio Dispatch Personnel
400s	Toll Plazas ("4" indicates toll plaza - last two numbers tell where plaza is located. Example: 401 is Miami Main Exit - at mile post 01. 408 would be Hollywood at mile post 08. "X" Indicates "extension" from Calder south thru the Homestead area. This was added to the turnpike in recent years.)
500s	General Turnpike Road Maint Vehicles

600s Service Areas and Vehicles
6 = "Service" ID Sample: 624B
6 = Service
2 = 2nd Service Plaza - north of 01 milepost
4 = 4th service station north of 01 milepost
(there are 2 in each service plaza)
B = Base (W would be wrecker, WL light wrecker)

SERVICE PLAZA - TURNPIKE LOCATIONS AND GEOGRAPHIC LOCATIONS

601	Snapper Creek Plaza	Turnpike Extension
611/612	Pompano Plaza	22 Milepost
623/624	Lake Worth Plaza	50 Milepost
635/636	Ft. Pierce Plaza	101 Milepost
	--- system split north/south ---	
647	Ft. Drum Plaza	141 Milepost
658	Canoe Creek Plaza	186 Milepost
669	Turkey Lake Plaza	220 Milepost
670	Okahumpka Plaza	

Note: *Think of the TURNPIKE SYSTEM AS A BIG "X" with one of the four freqs as a leg of the system. Any of the four can be tied together at any time. "PARKWAY" controls FHP / Maint freqs south of 120 milepost. "PATROL" controls FHP / Maint freqs north of 120 milepost.*

FLORIDA HIGHWAY PATROL - Official TEN signals and codes

*Indicates TURNPIKE use only.

TEN SIGNALS

10-1 Receiving poorly
10-2 Receiving well
10-3 Stop transmitting
10-4 OKAY (not message received)
10-5 Relay
10-6 Busy
10-7 Out of service
10-8 In service
10-9 Repeat
10-10 Out of service, subject to call
10-11 Dispatching too rapidly
10-12 Officials or visitors present
10-13 Weather/Road conditions
10-14 Convoy or escort
10-15 Prisoner or violator in custody
10-16 Pickup prisoner at _____
10-17 Conduct investigation
10-18 Complete assignment quickly
10-19 Return to station
10-20 Location
10-21 Call _____ by phone
10-22 Disregard
10-23 Standby
10-24 Trouble - Send help
10-25 Do you have contact
10-26 Message received
10-27 Clear to copy DL report
10-27* Any answer?
10-28 Registration Check
10-29 Check for wanted
10-30 Against rules / regulations
10-31 In pursuit
10-32 Is drunkmeter available?
10-33 EMERGENCY
10-34 (not used by FHP)
10-35 Confidential Information
10-36 Correct time
10-37 Operator on duty
10-38 Block road at _____
10-39 Message delivered
10-40 Is _____ available?
10-41 In possession of _____.
10-42 Home
10-43 Any information for _____?
10-44 (not used by FHP)
10-45 Call _____ by phone
10-46 URGENT
10-47 Weekly reports
10-48 Did you receive message?
10-49 Sheriff's Office
10-50 Stopping vehicle information
10-51 Enroute
10-52 Estimated time of arrival
10-53 Coming by office
10-54 Negative
10-55 Car to car
10-56 Meet _____ at _____
10-57 Departing patrol zone
10-58 Entering patrol zone
10-60* Investigating parked vehicle
10-61 Service truck
10-62* Send service truck with tire
10-63 (not used by FHP)
10-64 Clear 10-55 traffic
10-64* Send service truck
10-65 Clear to copy?
10-66 Cancel
10-67 (not used by FHP)
10-68 (not used by FHP)
10-69 Fire truck
10-70 Wrecker
10-71 Ambulance
10-82 Reserve hotel room for _____
10-83* Send maint mechanic
10-84* Send maint crew
10-87* Advise my home of my ETA
10-88 Where can _____ be reached?
10-89* Radio repair
10-94 Request routine back-up
10-94* Test, no modulation
10-97 Arrived at scene
10-98 Finished last assignment
10-99 Unable to receive your signal
10-100 ALERT - Remain in contact with this station by phone until released!

DISPATCH SIGNALS:

0 Armed/use caution
1 Drunk driver
2 Drunk Pedestrian
3 Hit and run
4 Accident
5 Murder
6 Escaped prisoner
7 Dead person
8 Missing person
9 Stolen/Lost tag
10 Stolen vehicle
11 Abandoned vehicle
12 Reckless driver
13 Suspicious car/person
14 Information
15 Detail
16 Obstruction
17 Contact
18 Felony
19 Misdemeanor
20 Mental case
21 Disabled veh.
21* Veh entered turnpike without stopping
22 Fire
22* Veh exited TP without paying
23 Hitchhiker

PUBLIC SAFETY - SOUTHEAST - COUNTY SECTION

DADE COUNTY, FLORIDA (Greater Miami)
Dade County Public Safety Department

Since the DPSD operates a complete repeater system on all but the confidential surveilance frequencies, the mobile input frequencies will not be shown. The base and repeater output frequencies along with the area covered are as follows:

155.910 MHz	Northeast
155.730	Northwest
155.190	Central
155.790	Channel "D" (Information Checks)
155.985	Command (Marine)
155.700	Central "2" (airport)
156.015	West
156.210	Southwest
155.955	South
156.150	All City - (N. Miami Beach)
155.970	Simplex

Dade County Public Safety Department Communications Codes:

01 Call your office
02 Call _____
03 To radio repair shop
04 To motor pool
05 To your station
06 Transfer
07 Cancel
08 Recall
09 In service
10 Out of service
11 Out of service - personal
12 Eat
13 Special Information
14 Conduct investigation
15 Meet an officer
16 Drunk driver
17 Accident
18 Hit and run
19 Stopping vehicle
20 Hotrod driving
21 Stolen license tag
22 Stolen vehicle
23 Clearance check
24 Complete check
25 Alarm ringing
26 Burglary
27 Larceny
28 Vandalism
29 Holdup
30 Shooting
31 Homicide
32 Assault
33 Sex Offense
34 Distrubance
35 Drunk
36 Missing person
37 Suspicious Car
38 Suspicious Person
39 Prisoner
40 Subject possibly wanted Felony
41 Sick or injured person
42 Ambulance
43 Doctor
44 Attempted suicide
45 Dead on arrival
46 Blood run
47 Bomb Alert
48 Explosion
49 Fire
50 OCB

QSL	Do you receive me okay?	QSK	Proceed with transmission
QTR	Correct time	QRM	Repeat, interference
QRU	Northing for you	QRX	Standby
QSM	Repeat your message	QSY	Change channels
QTH	Location	QRR	Call for assisance

** ALL EMERGENCY CALLS SHALL HAVE "3" PREFIX WITH NUMBER AND HAVE TONE SIGNAL...

PUBLIC SAFETY - SOUTHEAST - CITY SECTION

GREENSBORO, NORTH CAROLINA, POLICE DEPARTMENT KSQ-622

F1	460.100	Main Dispatch - Patrol
F2	460.275	License & Information Records
F3	460.325	Detective & Vice Divisions
F4	460.375	Guilford County / Forsyth County Mutual-Aid
F5	460.200	Supervisor car to car
F6	460.050	Vice & Detective car to car
	155.190	Inter-state frequency Used to communicate with other towns within radio range. This system uses "SECODE" dialing system.
	155.220	Ambulance to Hospital and Ambulance to Dispatch Used county wide

PUBLIC SAFETY - SOUTHEAST - FEEDBACK AND QUESTIONS

If you have any questions to ask others about something you have heard or something you would like to know about in the southeast - within the RCMA guidelines, this is the place. I would like to have comments on what the readers think about giving the major part of the southeast space to one state each month, adding other corrections and important updates as they arrive from YOU. This way, for example, you would only have to take the "XXX 82" issue with you when you vacation in Florida or Tennessee, depending on what was the "major state" covered in that issue. Would this beat mixing and matching the data, or do YOU want it as it comes in? Speak up! Be heard! Write me!

Recently I went on vacation in Western North Carolina. While monitoring the Blue Ridge Parkway Rangers on parkway patrol, I monitored other non-sensitive communications on these frequencies. Anyone know who/what/where??
167.005 167.125 167.155 167.020 167.025 167.130 167.145 167.425 167.155 167.760 462.975??

For those of you in the South Florida area, the ham repeater on 146.820 holds the South Florida Emergency Net practice sessions at 1930E every Thursday night. There is another emergency net practice session held on 146.880 in West Palm Beach on Sunday afternoons. I do not have this time. There is a traders net held on the Pompano Beach on 146.610 on each Thursday night. It is fun and interesting to listen to these nets on the amateur bands on your scanners. You not only know where to find the hams during an emergency, but the traders nets will give you an excellent chance to pickup some good gear at the usual good discount "ham" prices.

Ever heard of a "Hamfest"? This is a swapfest, flea market and radio show all put into one. Even though you are not a licensed radio amateur, you can buy a ticket and go. There will be some big ones coming up soon! You would not believe some of the good Public Safety radios that are available... Tampa FL - Nov 13th, Watch for Stone Mountain GA sometime in November, December 4 & 5 Ft Lauderdale FL, February 5th and 6th Miami FL, March 26-27 Columbus GA.

I have been trying different mobile antennas with my Bearcat 300. I have run upon something really surprising! The Larsen 220 ham antenna gives the best all-round coverage on ALL BANDS of any antenna I have ever used! The 220 MHz ham antenna is small (no high coils), mounts on a standard Larsen or Antenna Specialist auto mounts. You have to hear it to believe it! If you have other hints, please let me know and I will pass them along!

Okay gang... send me some of that information you've been adding to the notebook so the rest of us here in the southeast can enjoy it! See y'all! 73s!

PUBLIC SAFETY — NORTH CENTRAL:

Send Public Safety and Special Emergency frequencies, radio system details, and questions as follows — Iowa, Kansas, Missouri, Nebraska, N. Dakota, S. Dakota, and Minnesota:

Michael W. Scheel, RR #1, P.O. Box 221, Walcott, IA 52773

Welcome to another North-Central Column. This one was held a little longer than normal, to allow for some contribters. Well I can't hold it any longer. So short it may be,it has some good information. On to the Column.

Davenport,Ia Fire Dept (from editor)
1
1 460.575 R Dispatch/Units returning
2 460.600 R Response/fireground
3 460.575 s TAC THREE

each station has a console with all fire channels plus police 1/2 equipment and stations test everyday between 0700 and 0715.

Central Station	331 Scott ST	E1,E2,T1,S1,DC
Station #3	3606 Harrison	E3,T2
#4	1805 E.Locust	E4,C1,DC1
#5	1925 Rockingham	E5,T3
#6	1735 W.Pleasant	E6,RE8,S2,DC2
#7	2302 W. 67th	E7,RE9,TA1

currently the PD dispatchers are the "Dispatch", While the old dispatch in Central Station is "Command Center".

E=ENgine,T=Truck,S=Squad(rescue),C=Chemical Engine,RE=Reserve engine,DC=Division Chief(may or may not respond to 2nd General alarm),DC1(east)DC2(west)=District Chief

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From AMY (NB-009) we have Omaha Police Signals & Codes to go with the Frequencies in the Sept Column,

SIGNAL 1 -----No record
SIGNAL 2 -----Has a felony criminal record but not wanted at this time
SIGNAL 2c ----Is a convicted felon, not wanted at this time
SIGNAL 3 -----Misdemeanor warrant on file (traffic or criminal)
SIGNAL 4 -----License suspended
SIGNAL 5 -----Stolen
SIGNAL 6 -----Wanted for a felony and/or felony warrant on file
SIGNAL 7 -----Failed to appear
SIGNAL 80 ----Lunch break
SIGNAL 88 ----Situation secure
SIGNAL 95 ----Rest room
SIGNAL 96 ----Gas up
SIGNAL 10-10--Out of the car on portable radio but available for assignment
SIGNAL X -----Consider extremely DANGEROUS

CODE 1 -------Made report
CODE 2 -------Made an arrest
CODE 3 -------Cited
CODE 4 -------Gone on arrival
CODE 5 -------Unable to locate
CODE 6 -------Civil matter
CODE 7 -------Assignment completed
CODE 8 -------Turned over to, etc.

A person designated as A*A - Mental case

From Don (KS-010) We have additional information for KHP/DOT

Kansas Highway Patrol Divisons

3 Hays/Norton		
7 Turnpike	154.680/158.910 BM	154.830 R
8 Safety		
10 Training		
Aircraft	45.140 AC to HH	

Kansas DOT

6 Garden City	47.06

Don would like like any Wichita area with News Media info to write him at Don Gruver (KS-010)
212-A East 7th
Pratt,KS 67124
I know this should go in the contact column. This will be an exception please support your new editor of the Contact Column.

From Frank (IA-009) Comes Info about Des Moines metropolitan area

Des Moines Police
1 460.025 R
2 460.325 R
3 460.150 R
4 460.400 R
5 460.225 R
6 460.500 R

Des Moines Fire Dept
460.575
460.600
460.625
(Firecalls are simuclast on all 3 channels)

Local Government
155.100 R, 158.880 R

West Des Moines
Police 155.535
2-155.805
Fire 154.160
154.310
Local Govt. 155.805

Urbandale
Police 460.450
Fire 154.250
Local Govt. 153.860

Ankeny
Police 460.275
Fire
Local Govt. 154.040

Clive
Police 155.940
Fire 155.940
Local Govt. 155.940

Windsor Heights
Police 158.730
Fire 158.820
Local Govt. 158.820

Pleasant Hill
Police 155.040
Fire
Local Govt. 155.040

Notice to any North Dakotan. This summer John Arendt (IL-14) and I received a station on 42.56 with the callletters of KAD763. reference was made to patrolling the camp, Camp Theater,and parking tickets.(Police call shows KAD763 at Devil's Lake. Also Rand McNally Atlas shows a Camp Grafton southwest of Devil's Lake. Could anyone explain the use or anything more about this.

During August , due to the weather conditions my reception range was greatly extended. I receive a remote receiver repeater for the Missouri State Patrol on 451.175. One was in the Gasconade County area repeating 42.32. The other was also on 451.175 repeating 42.22 somewhere around St. Joseph.

Well that's it for this month. Let's keep sending in the information to share. Don't be bashful, If you don't see your state that's because YOU havn't sent anything in. Until next month 73. -30-

PUBLIC SAFETY — GREAT LAKES:

Send Public Safety and Special Emergency frequencies, radio system details, and questions as follows — Illinois, Indiana, Wisconsin, Michigan, Kentucky, and Ohio:

Brandt Niemuth, P.O. Box 541, Rosemont, IL 60018

Greetings;

As your new Public Safety - Great Lakes Area Editor, I would like to introduce myself. My name is Brandt Niemuth, 40 years of age, divorced and in the taxi and package delivery business with a very flexible schedule.

My equipment includes: (1) Radio Shack Pro-2001
(1) Radio Shack Pro-2002
(1) BC-101
(2) BC-250's

My listening interests include Public Safety, Business and Aircraft, with a concentration on the busines band such as transportation, hotels , tow trucks and private security.

I live in the northwestern Chicago suburb of Des Plaines with a mailing address near O'Hare field. Living about 3 miles from the O'Hare field control tower, the aircraft band is quite conjested with O'Hare traffic.

I became interested in scanners about 7 years ago and have been an RCMA member for about 2 years. You can imagine how elated I was when the programmable scanners hit the market.

I would like to take this oppartunity to congratulate John Arendt on a job well done as a column editor. John, you are a tough act to follow, but I'll try my best.

I expect that a column or two will a little lean until your contributions, no matter how small or large, start rolling in. Please remembef that this is your column, and without input from you as members, there will not be much output from me as editor. The address for Contributions:

Brandt Niemuth
P O Box 541
Rosemont, Ill 60018

Following is the final PUBLIC SAFETY - GREAT LAKES column edited by John Arendt Thank you, John, for a great job, and welcome, Brandt! - Editor

Greetings from Oswego and welcome aboard to another edition of the "Public Safety-Great Lakes" column. The holiday season will be approaching soon-and that should mean a little more time for monitoring. November also signifies the decline of fall and beginning of the colder weather in these parts, so best check out the antennas, coax cables, etc. while the weather is somewhat decent. There's lots of material to cover this month, so we move forward with.....

MINUTES OF CHICAGO CHAPTER MEETING OF AUG. 7, 1982

The meeting was called to order at 1:35 P.M. Twenty two members and 5 guests were in attendance. The following agenda items were discussed:

1. Introduction of those in attendance.
2. Our guest speaker, Mark Buslik, was introduced. His presentation dealt with the "5-11 Club" that operates the Salvation Army Canteens in the Chicago and suburban areas. (The canteens are familiar visitors at major fires and disasters. They provide food and beverage to police, fire and rescue personnel.)
3. Chapter business was discussed, including the upcoming club picnic on Aug. 22nd and the next meeting on Sept. 25th.
4. Round table discussion among members present.
5. John Arendt summarized the latest club happenings.
6. Ed Sirovy presented slides taken at recent Chapter tours of the Illinois Tollway Authority headquarters and the Northwest Central dispatch center.

A period of informal exchanges followed the adjournment of the regular meeting at approx. 4:30 P.M.

HOMETOWN, IL ESDA has been licensed to operate on the 155.025 civil defense freq. (ESMARN). Present call sign of KVB296 applies. (F1 is the local govt. freqs. of 154.055). Courtesy of Jeff (IL-064)

Rich (IL-173) reports that the DU PAGE CO., IL S.D. has shifted virtually all operations to the new 800MHZ band. For those of you who have the capability, try 852.6625 rptr. out. The old VHF freq. of 158.790 is in use for jail operations and auxiliary use only.

A new COOK CO., IL S.D. freq. of 155.640 has been installed as F5 and has been put into use. The frequency plan-as installed in the 6 channel converta-com H/T units-is as follows:

F1 Sheriff - North 155.595 rptr. out
F2 Sheriff - South 155.535 rptr. out

F3 Sheriff - Administrative 159.090 rptr. out
F4 NLEEF-ISPERN 155.475 simplex
F5 Tactical 155.640 rptr. out
F6 is believed to be 154.995 rptr. out (Known as a car-car freq. Has also been used by the Forest Preserve Police Tactical Squads).

A new COOK CO., IL SOUTH SUBURBAN F.D. freq. of 154.355 will soon come into use for fireground purposes by the depts. that make up Fire Dist. #3 (Dolton, Riverdale, etc.) and use 153.890 as a primary. It is not known whether this freq. will replace the presently used 154.280.

Both items courtesy of Jim (IL-023).

FOX LAKE, IL AREA P.D.'s CHANGE TO U.H.F. Our Federal editor, Dennis (IL-026), recently spent some time in that area. A discussion with a local police officer revealed the presence of new 6-channel UHF H/T's. The new dispatch freq. of 470.5875 is shared with several other neighboring towns. Some of the details gathered from FCC microfiche include the following:
470.5875 KT0896-Antioch rptr. and a rptr. at Lake Villa controlled from Fox Lake; KNT320-Fox Lake base, KNT321-Grayslake base, KNT322-Lindenhurst base.
473.5875 (input to 470.5875 rptr), WIE291-Grayslake control; WIE292-Lindenhurst control; WIE293-Fox Lake control.
Mobile units are authorized on both 470.5875 and 473.5875. An inspection of the cars also revealed the presence of VHF high band radios e/w the Lake County, IL S.D. freqs.-most common of which are 156.210 rptr. out (158.970 mobiles and controls).

SOUTHERN IL NEWS - courtesy of Chuck (IL-141).
1. The Federal penitentiary at Marion has been found on three different public safety freqs. so far: 42.500 (ISP statewide), 155.475 (NLEEF-ISPERN), and 155.070 (Williamson SD).
2. The frequency lineup for State of IL ESDA Dist. 11 HQ at Marion is as follows: F1=45.440 (statewide), F2=45.280 (Dist. 11 - used to relieve traffic on F1), F3=453.875 rptr out (statewide), F4=453.875 simplex (talk around).

USE OF 122.975 BY STATE OF ILLINOIS AIRCRAFT Your editor has found aircraft belonging to state agencies other than I.S.P. on the 122.975 freq. previously reported by Chuck (IL-141) Recent monitoring observed units of the Dept. of Transportation or the Dept. of Conservation. Makes for a nice "yak" channel.

William (IL-007) reports that the MOLINE, IL P.D. will be relocating its dispatch center to the basement of the complex where it is presently located. Additional space will be made available and new radio eqpt. will be installed.

Your editor recently made a short trip to the Detroit and Saginaw Bay areas of MI. Monitoring efforts were concentrated on the MICHIGAN STATE POLICE and the following results were obtained.
42.48 base & mobile dispatch: Post 54 (57D)-New Buffalo, Post 57-Benton Harbor, Post 56-Wayland, Post 56D-Hastings, Post 20-Ypsilanti, and Post 24-New Baltimore.
42.68 rptr. out. (42.24 in) dispatch: Post 21-Northville and Post 23-St. Clair.
42.94 rptr. out (42.30 in) dispatch: Post 11-Lansing and Post27-Pontiac.
42.64 rptr. out (42.18 in) dispatch: Post 12-Brighton and Post 29-Detroit Hwy. Patrol.
42.02 rptr. out (42.80 in) dispatch: Post 29-Detroit Hwy. Patrol.
Most other posts that I was able to observe in the lower peninsula of the state use the statewide freq. pair of 42.58 base/42.74 mobile. (Those posts using the different dispatch freqs. still have the statewide capability for communication with itinerant units). I do want to thank the Detroit area RCMA members that I met and that did help me with this contribution.

DETROIT MI AREA FIRE FREQS. Courtesy of Tim (MI-091)
Troy and Clawson F.D.'s 154.235 rptr. out (154.385 in) dispatch
154.295 simplex fireground
Grosse Point Fire Net 154.445 dispatch
(A centralized transceiver w/remote hardline control to each police and fire station on the net. This freq. is not licensed and does not show in either the Police Call or FCC microfiche. Morse code ID is given every 15 minutes)
Warren F.D. 453.450 rptr. out (458.450 in) dispatch
Southfield F.D. 460.600 rptr. out (465.600 in) dispatch
(Medcom UHF radios have this freq. installed. Former dispatch freq. was 154.430).

Detroit F.D. Ch. 1 154.310 simplex
Ch. 2 154.310 base/153.950 mobile dispatch
Ch. 3 154.400 simplex
Ch. 4 153.830 simplex low power fireground
Ch. 1 has very limited use. Ch. 2 also has mobile rptr. capability-which is activated for special events or major emergencies. Ch. 3 is primarily used when the F.D. is called to the City Airport for "aircraft in trouble". One will also find the airport crash crew on this freq.

More DETROIT AREA FREQS. courtesy of Robert (MI-108). Wayne State University P.D. 453.625 local traffic (Can also operate on Detroit P.D. UHF freqs. and responds to calls in the 13th precinct).
Highland Park P.D. 453.5225 local traffic. (Dispatch is by Detroit P.D. on 453.300=Ch. 3).

"SKYCARE" HELICOPTER AMBULANCE SERVICE operated by Jewish Hospital in Louisville, KY - has recently been placed into service. Serving a 130 mile radius from Louisville, it is available for hospital-hospital transfer as well as scene-hospital transfer at the request of proper authorities (EMT's, paramedics, hospital, fire, law enforcement, etc).

In addition to the regular VHF aircraft radio eq pt., a 6-channel high band radio is set up as follows:

Ch. 1	155.340	Ambulance Hospital
Ch. 2	154.740 rptr. out	Jefferson Co., KY S.D.
Ch. 3	open	
Ch. 4	155.475	NLEEF
Ch. 4	155.370	Point-Point or Intersystem
Ch. 6	155.160	Regional EMS use (Search & Rescue)

This is further augmented by a UHF telemetry radio. The above information courtesy of Jeff (KY-023)

Jeff points out that his area of southern IN is also serviced by the LIFELINE HELICOPTER operating out o f Methodist Hospital in Indianapolis (Frequencies in use include UHF medical & 155.160. A synthesized radio with "dial-up" capability is also available). Additional medical helicopter service is also from the U.S. ARMY at Ft. Knox, KY. thru a MAST (Military Assistance to Safety and Traffic) program, but the army units are not e/w public safety radio eqpt.

Jeff finishes his contribution with detailed frequency assignments for LIFELINE SEARCH & RESCUE in Madison, IN:

VHF high band
F1 = 155.160 Primary Operations
F2 = 154.540 Athens Ambulance Service
F3 = 155.280 Secondary Operations
F4 = 155.340 IHERN/HEAR (Ambulance-Hospital)

UHF band (not y et in service)
F1 = 462.675/467.675
F2 = 462.950/467.950
F3 = 467.975/467.975

VHF marine and aircraft search and rescue freqs. are also licensed and available for use. Jeff, thank you for an excellent contribution.

My Nov. column draws to a close and with it my tour of duty as editor for the "Public Safety-Great Lakes" column. I've enjoyed the fruits of editorship for almost 3 years, but personal reasons make it necessary for me to depart from this position. I do want to thank ALL the members who have contributed over the years-regardless of amount. It's you folks that have made this column one of the most successful in the RCMA Newsletter. My successor will begin his tour of duty immediately. All that I can say is

Happy Monitoring!

John Arnett

Synthesized Hand-Held Scanner!

Communications Electronics,™ the world's largest distributor of radio scanners, now has even *lower prices* on our radio scanners. Chances are the police, fire and weather emergencies you'll read about in tomorrow's paper are coming through on a scanner right now.

With your scanner, you can monitor the exciting two-way radio conversations of police and fire departments, intelligence agencies, mobile telephones, energy/oil exploration crews, and more. Some scanners can even monitor aircraft transmissions! You can actually hear the news *before* it's news. If you do not own a scanner for yourself, now's the time to buy your new scanner from **Communications Electronics**. Choose the scanner that's right for you, then call our *toll-free* number to place your order with your Visa or Master Card.

We give you excellent service because **CE** distributes more scanners worldwide than *anyone* else. Our warehouse facilities are equipped to process thousands of scanner orders every week. We also export scanners to over 300 countries and military installations. Almost all items are **in stock** for **quick shipment**, so if you're a person who prefers fact to fantasy and who needs to know what's *really* happening around you, order your scanner today from **CE**!

NEW! Bearcat®† 350

The Ultimate Synthesized Scanner!
List price $599.95/**CE price $384.00**
7-Band, 50 Channel • Alpha-Numeric • No-crystal scanner • AM Aircraft and Public Service bands. • Priority Channel • AC/DC
Bands: 30-50, 118-136 AM, 144-174, 421-512 MHz.
The new *Bearcat* 350 introduces an incredible breakthrough in synthesized scanning: Alpha-Numeric Display. Push a button—and the Vacuum Fluorescent Display switches from "numeric" to word descriptions of what's being monitored. 50 channels in 5 banks. Plus, Auto & Manual Search, Search Direction, Limit & Count. Direct Channel Access. Selective Scan Delay. Dual Scan Speeds. Automatic Lockout. Automatic Squelch. Non-Volatile Memory. Order your *Bearcat* 350 today!

Bearcat® 300

List price $549.95/**CE price $336.00**
7-Band, 50 Channel • Service Search • No-crystal scanner • AM Aircraft and Public Service bands. • Priority Channel • AC/DC
Bands: 32-50, 118-136 AM, 144-174, 421-512 MHz.
The *Bearcat* 300 is the most advanced automatic scanning radio that has ever been offered to the public. The *Bearcat* 300 uses a bright green fluorescent digital display, so it's ideal for mobile applications. The *Bearcat* 300 now has these added features: Service Search, Display Intensity Control, Hold Search and Resume Search keys, Separate Band keys to permit lock-in/lock-out of any band for more efficient service search.

NEW! Bearcat® 350

Bearcat® Rebate Offer

Get a coupon good for a $30.00 rebate when you purchase a *Bearcat* 100; $15.00 rebate on model 210XL; $10.00 rebate on model 200. Offer valid only on purchases made between September 1, 1982 and October 15, 1982. Limit of one rebate per household. Offer good only in the U.S.A. Void where taxed or prohibited by law. Resellers, companies, clubs and organizations-both profit and non-profit, are not eligible for rebates. Employees of Electra Company, their ad agencies, distributors and retailers of *Bearcat* Scanners are also not eligible for rebates.

Bearcat® 210XL

List price $349.95/**CE price $229.00**
6-Band, 18 Channel • Crystalless • AC/DC
Frequency range 32-50, 144-174, 421-512 MHz.
The *Bearcat* 210XL scanning radio is the second generation scanner that replaces the popular *Bearcat* 210 and 211. It has almost twice the scanning capacity of the *Bearcat* 210 with 18 channels plus dual scanning speeds and a bright green fluorescent display. Automatic search finds new frequencies. Features scan delay, single antenna, patented track tuning and more. When you purchase the *Bearcat* 210XL between September 1, and October 15, 1982, you'll also get a factory rebate coupon good for $15.00.

NEW! Bearcat® 20/20

List price $449.95/**CE price $276.00**
7-Band, 40 Channel • Crystalless • Searches AM Aircraft and Public Service bands • AC/DC Priority Channel • Direct Channel Access • Delay
Frequency range 32-50, 118-136 AM, 144-174, 420-512 MHz.
The *Bearcat* 20/20 automatic scanning radio replaces the *Bearcat* 220 and monitors 40 frequencies from 7 bands, including aircraft. A two-position switch, located on the front panel, allows monitoring of 20 channels at a time.

NEW! Bearcat® 200

List price $269.95/**CE price $179.00**
8-Band, 16 Channel • AC only • Priority Dual Scan Speeds • Direct Channel Access
Frequency range: 32-50, 138-174, 406-512 MHz.
The *Bearcat* 200 is a scanner with high performance. Sealed one-piece keyboard lets you program each channel for automatic scanning. There's automatic lockout to by-pass individual channels. Direct Channel Access to go instantly to any channel. Plus Automatic Squelch, Dual Scan Speed, Selective Scan Delay and Automatic Search to let you find hidden frequencies.

NEW! Bearcat® 100

The first no-crystal programmable handheld scanner.
List price $449.95/**CE price $284.00**
8-Band, 16 Channel • Liquid Crystal Display Search • Limit • Hold • Lockout • AC/DC
Frequency range: 30-50, 138-174, 406-512 MHz.
The world's first no-crystal handheld scanner has compressed into a 3" x 7" x 1¼" case more scanning power than is found in many base or mobile scanners. The *Bearcat* 100 has a full 16 channels with frequency coverage that includes all public service bands (Low, High, UHF and "T" bands), the 2-Meter and 70 cm. Amateur bands, *plus* Military and Federal Government frequencies. It has chrome-plated keys for functions that are user controlled, such as lockout, manual and automatic scan. Even search is provided, both manual and automatic. Wow...what a scanner!

The *Bearcat* 100 produces audio power output of 300 milliwatts, is track-tuned and has selectivity of better than 50 dB down and sensitivity of 0.6 microvolts on VHF and 1.0 microvolts on UHF. Power consumption is kept extremely low by using a liquid crystal display and exclusive low power integrated circuits.

Included in our low **CE** price is a sturdy carrying case, earphone, battery charger/AC adapter, six AA ni-cad batteries and flexible antenna. The *Bearcat* 100 is in stock for quick shipment, so order your scanner today.

NEW! Fanon FCT-200 Cordless Telephone

CE price $149.00
Looking for an excellent cordless telephone? We recommend the Fanon model FCT-200. This cordless phone is designed and engineered to provide many years of reliable service and put an extra measure of convenience into your home or office. It features extended range, automatic secure protection, two-way intercom between the Fanon-phone handset and a conventional phone plugged into the base. Manual secure lock override. Two-way call alert. Last number memory redial. High-low volume control and low battery indicator light. Full duplex, simultaneous conversation capability. Operates with most touch tone or rotary dial systems. FM quality – quiet operation. Rechargeable Nickel-cadmium batteries included. Under ideal conditions, the range is 700 feet. Order today!

TEST ANY SCANNER

Test any scanner purchased from **Communications Electronics**™ for 31 days before you decide to keep it. If for any reason you are not completely satisfied, return it in original condition with all parts in 31 days, for a prompt refund (less shipping/handling charges and rebate credits).

Bearcat® Four-Six ThinScan™

List price $189.95/**CE price $118.00**
Frequency range: 33-47, 152-164, 450-508 MHz.
The incredible, *Bearcat* Four-Six Thin Scan™ is like having an information center in your pocket. This four band, 6 channel crystal controlled scanner has patented Track Tuning on UHF. Scan Delay and Channel Lockout. Measures 2¾ x 6¼ x 1." Includes rubber ducky antenna. Order crystal certificate for each channel. Made in Japan.

Fanon Slimline 6-HLU

List price $169.95/**CE price $104.00**
Low cost 6-channel, 4-band scanner!
The *Fanon* Slimline 6-HLU gives you six channels of crystal controlled excitement. Unique Automatic Peak Tuning Circuit adjusts the receiver front end for maximum sensitivity across the entire UHF band. Individual channel lockout switches. Frequency range 30-50, 146-175 and 450-512 MHz. Size 2¾ x6¼ x 1." Includes rubber ducky antenna. If you *don't* need the UHF band, get the **Fanon model 6-HL** for $94.00 each, and save money. Same high performance and features as the model HLU without the UHF band. Order crystal certificates for each channel. Made in Japan.

OTHER SCANNERS & ACCESSORIES

***NEW!* Regency® ‡ D810 Scanner**	$259.00
***NEW!* Regency® D300 Scanner**	$199.00
***NEW!* Regency® D100 Scanner**	$159.00
Regency® M400 Scanner	$229.00
Regency® M100 Scanner	$195.00
SCMA-6 Fanon Mobile Adapter/Battery Charger	$49.00
CHB-6 Fanon AC Adapter/Battery Charger	$15.00
CAT-6 Fanon carrying case with belt clip	$15.00
AUC-3 Fanon auto lighter adapter/Battery Charger	$15.00
PSK-6 Base Power Supply/Bracket for SCMA-6	$20.00
SP50 *Bearcat* AC Adapter	$9.00
SP51 *Bearcat* Battery Charger	$9.00
SP58 *Bearcat* 4-6 ThinScan™ carrying case	$12.00
FB-E Frequency Directory for Eastern U.S.A.	$12.00
FB-W Frequency Directory for Western U.S.A.	$12.00
FFD Federal Frequency Directory for U.S.A.	$12.00
TSG "Top Secret" Registry of U.S. Government Freq.	$10.00
ASD Frequency Directory for Aircraft Band	$10.00
TIC Techniques for Intercepting Comm. Manual	$12.00
CIE Covert Intelligence, Elect. Eavesdropping Man.	$12.00
B-4 1.2 V AAA Ni-Cad batteries (set of four)	$9.00
A-135cc Crystal certificate	$3.00

Add $3.00 shipping for all *accessories* ordered at the same time.

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If you want the utmost in performance from your scanner, it is essential that you use an external antenna. We have a base and a mobile antenna specifically designed for receiving all bands. Order **#A60** is a magnet mount mobile antenna and order **#A70** is an all band base station antenna. Price is $35.00 each plus $3.00 for UPS shipping in the continental United States.

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PUBLIC SAFETY — SOUTH CENTRAL:

Send Public Safety and Special Emergency frequencies, radio system details, and questions as follows — Alabama, Arkansas, Louisiana, Mississippi, Tennessee, Oklahoma, and Texas:

Ken Pehl, 108 E. Centre St., Fredericksburg, Texas 78624.

It's once again time for another column for Public Safety-South Central. As has been the case over the last few months, I have a lot of input to pass along to you. Please be assured I try to use everyone's material as quickly as possible, so I appreciate your patience in awaiting its publication.

This month we will re-visit the Houston/Harris County area systems through the courtesy of a number of individuals and with some collective effort from the RCMA-Houston Chapter, all of whom have sent in updates for the area.

In the June 1981 and July 1981 issues of the newsletter, the city of Houston radio systems were covered, along with updates in Sept., '81, Oct., '81, Dec.,'81, Jan., '82, and June, '82. Updating this information just a bit further, from an anonymous source: Houston Police Dept. use their Mobile Display Terminals (MDT's)(see Dec. '81 newsletter) on 453.700 full time now rather than on an experimental basis with use in all cars planned eventually. Usage at present is for running license registration checks, want/warrant checks, and criminal history/records. HPD microwave voter system terminals located at One Shell Building (downtown) will be moved in the future due to higher buildings under construction around the immediate vicinity that are causing/will be causing RF shielding. (editor's note: the heartaches of modern technology and the price of progress!) Also HPD is equipped for DVP (digital voice protection) for their sensitive use channels to be used as needed. (editor's note: DVP use is not so surprising anymore.)

Through the efforts of the RCMA-Houston Chapter:

HOUSTON PD UNIT NUMBERING (Update)

The HPD patrol division radio numbers are comprised of a one or two digit number, a letter, and then a two digit number again. The 1st set of number(s) denote the district to which assigned (20 possible districts), the letter denotes the police substations to which unit is assigned (see list below), and the last set of numbers denote the beat (approximately 6 to 9 per district) and shift/unit (even number last digit is early shift and odd number is late shift; a #9 in last digit is wagon for station). Police substations are as follows:

Letter:	Substation:	Location:
"A"	Central	61 Riesner
"B"	1	North Sheppard area
"C"	2	5700 Eastex Freeway
"D"	3	7400 Park Place
"D"	6	15800 Space Center (Clear Lake)
"E"	4	4500 Beechnut
"F"	5	6000 Teague

HPD unit numbering by districts has changed slightly from its listings in the October, 1981 newsletter. The changes are as follows:

Substation #1	Substation #5
North-Central Units	North West Units
3B10 thru 3B60	4F10 thru 4F40
66B10 thru 6B90	5F10 thru 4F40

Substation #4
South West Units
20E10 thru 20E60 (added)

HOUSTON PD ADMINISTRATION UNITS (partial listings)

1 = Mayor
2 = PD Chief
3--5 = Asst. Chiefs
7 = Admin. Asst. Chief
9--16 = Deputy Chiefs
19--24 = Supts.
25--54 = Captains
55--58 = Lab Units
59 = Director of News Media
100--199 = Lt's
250--512 = Sgts.
800 = Base Communications
801--810 = Communications Chiefs
811--824 = Internal Affairs Div.
875--877 = Legal Dept.
1000's = Motorcycles (460.350)
1300's = Accident Div. (?)
1400's = Accident Div. (?)

1500's = Accident Div.
1600's = Special Operations (460.350)
1700's = Special Operations (460.350)
2000's = Shop
  2198 & 2199 = Van-Underwater Search/Rescue
3300's & 3400's = City Marshall's Office
4500's = Staff Service (?)
4700's = Recruiting Div.
4800's = Staff Service
4950--4999 = Personnel Div.
5200's = Garage
5400's = Communications Div. (dispatchers)
5650 = Supply Truck
5800's = Record Div.
5950 = Houston Criminal Info Center
6000's = Houston Criminal Info Center
6100's = Identification Div.
6200's = Property Room
8000's = Mayor's Office
8300's = River Oaks PD
8500's = Park Patrol Div.
9000's = Civil Defense Office
  9001 = Civil Defense Dir.
  9000 = Asst. C.D. Dir.
  9002 = C.D. Comm. Office
  9003 = Dir. of Rescue
  9004 = Light Supply Truck
  9005 = Rescue Truck

HELICOPTER/AIRCRAFT DIV.

Fox 54--56 = Hughes 300's
Fox 71--76 = Hughes 500's
Fox 91--99 = Hughes 300's
2000--2005 = Ground Support Crew Units

Helicopter Shifts--

Day = 8AM--6PM
Nite = 6PM--4AM

Helicopter Communication--

One radio on area of coverage
One radio on ch. 6--460.100
One VHF aircraft band radio

Good show, Houston Chapter members! I'm certainly delighted to have this info in my files and I am sure this will be useful to other area members as well. But wait, we have even more area info coming up.

The following is a combined mixture of info from several sources, individually from Robert, TX-76, Lee, TX-59, and the RCMA-Houston chapter:

HARRIS COUNTY RADIO SYSTEMS

SHERIFF DEPT.

Ch. 1 154.890 R (input ??)--Patrol Dispatch-- East area, District 3 primary, District 2 secondary dispatch
Ch. 2 153.920 R (?155.91 in)--Patrol Dispatch-- Main channel dispatch-- Districts 1,2, & 4
Ch. 3 154.950 mobiles -- Intercity car-to-car
Ch. 4 155.370 base--KWF 778- Intercity base
Ch. 5 153.995 R (input ??)---WAD 423-- Detective/Medical Examiner/Warrant Div. ch.--& back-up mobile channel
Ch. 6 155.070 B/M--KWF 777-- Supervisors (simplex)
(Note: Ch. 1 call is KWF 777 and Ch. 2 call is WAD 422.)

MISC. CH's

153.740 R (155.985 in)--KWF 802-- Harris Co. District Attorney Office
155.265 B/M--KZM 867-- Harris Co. Civil Defense Office
155.160 B/M--KFB 875-- Harris Co. Emergency Corps
156.015 B/M--KIC 439-- Harris Co. Constable Pct. 5 dispatch
37.060 B/M--call ? -- Harris Co. Constable Pct. 4 dispatch
37.100 B/M--call ? -- Constable supervisors & constable car-to-car ch.
(37.180--formerly was constable car-to-car channel but no longer used due to adjacent county interference.)

The Sheriff Dept. Patrol Division is divided into four districts (#1,2,3, and 4). The area that these districts cover are bounded by the following narrative boundary lines (approximate--not exact):

Dist. 1=County line-north, I45-East, City Limits-Southeast, Hwy 290-Southwest.
Dist. 2=I45-West, County Line-North, San Jacinto River-East, Hwy 90-South.
Dist. 3=Hwy 90-North, County Line-East, County Line-South, I45-Southwest.
Dist. 4=County Line-West & South, Hwy 290-Northeast, City Limits-East

All patrol unit numbers are in the 4000's series. The 2nd digit in the unit number denotes the district with which the unit is assigned. The 3rd digit denotes the type of unit. The 4th digit denotes the unit itself. There are four district stations (jails). These district stations are refered to on the air as either Station 1, 2, 3, or 4 or by unit number 4100, 4200, 4300, or 4400.

All districts use the same unit numbering scheme to denote type of units. Only the 2nd digit changes with the district number. In the following list, the "x" is filled with the appropriate district number:

4x00= Base radio at the station
4x01 thru 4x19 = 1st shift Patrol units
4x20 thru 4x29 = unknown type of unit
4x30 thru 4x39 = 2nd shift Patrol units
4x40 thru 4x49 = unknown
4x50 thru 4x59 = Detectives
4x60 thru 4x69 = 3rd shift Patrol units
4x70 thru 4x79 = unknown (possibly more 3rd shift units)
4x80 thru 4x89 = Contract Deputies (see note)
4x90 thru 4x99 = Contract Deputies (" ")

4x = District Captain
401 thru 409 = Patrol Lt's
4x1 = 1st shift Sgt.
4x2 = 2nd shift Sgt.
4x3 = 3rd shift Sgt.

Note: Large sub-divisions outside incorporated areas contract with the county to provide law enforcement protection for their areas. These officers assigned to this duty are called Contract Deputies.

4500's = Reserve Deputies (are on HCSO ch. 2)
4600's = Reserve Deputies (are on HCSO ch. 1)
4700's = unknown type of units
4800's = unknown type of units
4900's = unknown--possibly Marine Div.

HARRIS COUNTY SHERIFF DEPT
MISC UNITS

200's = Probation Div.
300's = Detention Center units
500's = Lt's & Sgt's to the 5100's, 5200's, 5300's series units
600's = Lt's & Sgt's to the 6100's, 6200's, 6300's, & 6400's series units
3100 = Base radio at the Detention Center
3101, 3102, 3103 = Animal Control Officers
3110--3132 = Jail vans on ch. 2
3201--3210 = Jail vans on ch. 1
5100's, 5200's, 5300's = Detective units
6100's, 6200's,) = Warrant Div.
6300's, 6400's) = Warrant Div.
7x00's = Constables Pct. 1 thru 8 (x=filled with appropriate Pct. number)
7900's = unknown
8200's = Medical Examiner's Office
8800's = unknown
9500's = County Fire Marshall's Office
9700's = County Humane Society Office (and possibly some state P&W units)
9800's = School District Security Guards

What can I say but thank you one and all for this extensive amount of info: If anyone can add to or fill in the missing gaps of knowledge, please do write and give us your report. Everyone would be most grateful.

From Robert, TX-76: Bob also added some more info to the Houston area info already presented by sending us the following---

HOUSTON AREA EMS FREQUENCIES

155.160-- Cypress Creek EMS
" -- Northwest Rural EMS
" -- Timber Lakes VFD Amb.
" -- Harris Co. Emergency Corps
155.205-- Future Care Amb.
" -- Graham Amb.
" -- U.S. 59 Amb.
155.235 -- Kingwood Amb.
155.400 -- Medic 1 Amb.
154.965 -- Friendswood EMS
155.325 -- Montgomery Co. EMS

HARRIS COUNTY AREA VOL. FIRE DEPT FREQUENCIES

Champions VFD -- 33.94 KUY 422
Clover Leaf VFD -- 153.950 KLA 994
Cypress Creek VFD -- 33.78 KDY 328/KIR 745
(also licensed 33.70 mobile)
Cypress-Fairbanks VFD & Amb. -- 33.88 KXX 467--9
East Mount Houston VFD -- 33.76 WZX 765
Humble VFD -- 33.68 KMA 622
Jersey Village FD -- 153.950 call u/k (not in POLICE CALL)
Klein VFD -- 33.84 numerous callsigns
Little York VFD -- 33.64 several callsigns
Northwest VFD -- 33.82 KXJ 300
Ponderosa VFD -- 33.90 KCP 423
Spring VFD -- 33.80 KUG 680
Spring Branch FD -- 154.130 KKN 352
Note: Mutual Aid for low band users= 33.98 (all VFD)
Mutual Aid for high band users= 154.280 (all FD)

ADJACENT HOUSTON AREA FIRE FREQUENCIES
153.950-- B/M-- Tomball VFD/Magnolia FD/ Rosehill VFD
154.190-- R (?154.385 in)-- Conroe FD
154.355-- B/M-- Timber Lakes and So. Montgomery Co. FD
154.280-- B/M-- Mutual Aid/Intersystem for all FD on high band

Bob also notes the Houston Intercontinental Airport Maintenance ch--488.6125. And while the following is slightly outside my "frequency jurisdiction" Bob relates aircraft frequencies of interest to area members:

122.750 (AM) HPD Helicopter-to-Helicopter ch.
123.050 (AM) Hermann Hosp. Helipad UNICOM (for Lifeflight ops)

And before closing Bob also listed:

CITY OF GALVESTON FREQUENCIES

460.300-R- KKD 610--Galveston PD Ch. 1--main dispatch
460.200-R- KKD 610--Galveston PD Ch. 2--back up ch. & car-to-car
154.190-R- (input ?)--call u/k-- Galveston FD-dispatch (note: this is the repeater output ch.)
155.055-R- (154.115 in)-WYV 259/WFK 714--Galveston EMS dispatch
(Note: May possibly be entire Galveston Co. EMS dispatch ?)
155.265 B/M KXZ 726-- Galveston Beach Patrol & Civil Defense
154.370 B/M KDJ 592--Galveston Co. FD-dispatch
155.025-R-(158.745 in)--WYV 259-- Galveston Co. Health Dept.--Texas City

OK, Bob, thanks so much for your info. The fire buffs I'm sure will appreciate this list. It wasn't till I saw this list that I realized where some of these areas where located. Again, thank you, Bob, and I hope to hear more from you.

From Ronnie, TX-29: Ronnie sent in a list of frequencies he monitors--

BELL COUNTY RADIO SYSTEM

LAW ENFORCEMENT
Ch. 1 155.655 R (154.710 in) KVJ 750-- Bell Co. SO-primary dispatch
Ch. 2 various with city municipality:
155.190 B/M KVJ 789--Harker Heights PD--primary dispatch
(Control WSK 41-154.710-PD base station to SO repeater)
155.430 B/M KVJ 794--Temple PD-primary dispatch
(Control WSK43-154.710-PD base station to SO repeater)
154.100 B/M WXP 490--Nolanville PD--dispatch
(Control WSK 61-154.710-PD base station to SO repeater)
(Editor's note: In the 1982 Police Call Directory Nolanville PD frequency is listed under the City of Gruver for some unknown reason. Gruver is located in a totally different part of the state.)
155.025 B/M WXT 553- Rogers -possibly combined city/police dispatch ?

CITY OF KILLEEN POLICE DEPT.
Ch. 1 156.090 R (input ??) WZM 638-- Killeen PD--primary dispatch
Ch. 2 155.490 B/M KKI 674--Killeen PD--secondary ch. & car-to-car

All agencies named above--ch 3 & ch. 4 are inter-city channels.
Also 37.180 is licensed under calls to all above agencies---usage at present is unknown and further info is requested of readers.

FIRE CHANNELS

County FD-- 33.92-under various callsigns--dispatches all VFD's in county.
Harker Heights FD-- 154.145 B/M--KRO 350-- FD dispatch & fireground
Killeen FD-- 154.190 B/M-- various calls-- FD dispatch
(editor's note: Killeen FD is also licensed for 153.830-mobiles--use ??)
Temple FD-- 46.06 B/M-- various calls-- FD dispatch & fireground

EMS CH's

462.975--R--various calls--combined EMS dispatch--for cities of Killeen, Temple, Nolanville, Harker Heights, & Copperas Cove(Coryell CO).
(ed. note: By which agency is this system operated ?)
462.950--R--various calls-- alternate use channel
(The standard UHF MED frequencies are also licensed for either telemetry only? or with voice also ?)

MISC CH's

155.145--R--(155.985 in)--KTU 248/WJZ 45-- Bell County Road Dept.
155.115 B/M--KVP 699-- Harker Heights--Water & Street Dept.
(ed. note: This is noted in Police Call as a Police use freq.-?)
154.980--R--(153.920 in)--Killeen I.S.D.--School Buses
(ed. note: Bell Co. licenses 155.745 & 154.980 mobiles only--any hint on use ?)
City of Temple licensed for 158.925, 153.965, 154.055, 158.745--use ?)

CORYELL COUNTY RADIO SYSTEMS

LAW ENFORCEMENT

Ch. 1 155.685--R--(154.800 in)--KVJ 752--SO dispatch
154.965 B/M--KLZ 531--Gatesville PD dispatch
(ed. note: also licensed for 154.995--use?)
155.415-B/M-KVJ 751-- Copperas Cove PD dispatch
Note: Copperas Cove PD base & mobiles are equipped to operate on both Coryell Co. and Bell Co. SO repeaters, under callsign WSK 40.
37.18 B/M KKV 950-- Copperas Cove PD license-- usage unknown--possibly used for co-ordination with FD ?

MISC. CH's

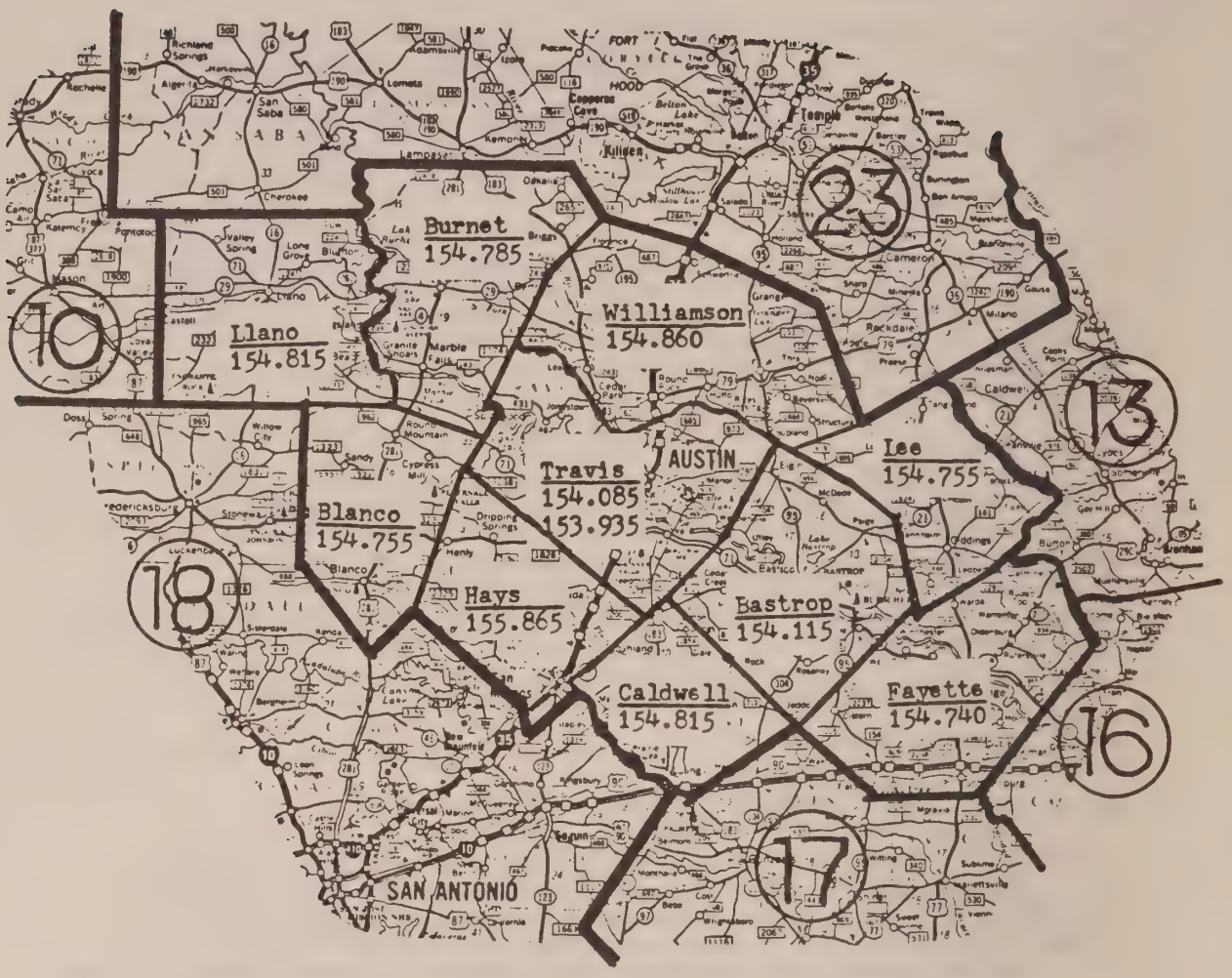
158.760--B/M--KCO 298-- Copperas Cove--use?-city govt?

Thanks, Ronnie. I've had a desperate need for some info in the North-Central Texas area for some time. Some of that void is now filled. But we could all use more Central Texas info. Area members take note! As is always the case, anyone having details to fill in missing information should write in immediately so we can pass along the additional news. Ronnie, I appreciate your taking the time to write in and fill me in on some of your area's activity and your own radio activity. I look forward to your further reports.

Now before closing the column off for the month, we will attempt to reproduce some wonderful travel monitoring maps that David, TX-32, has prepared for the column. The maps, for select areas of Texas, depict the County Sheriff dispatch frequencies for each county for rapid reference while traveling. Dave has broken the counties down by area council of government (COG's) planning regions for easy reference purposes. Dave is an avid believer in studying the county radio systems by planning regions due to the fact that the original radio licenses were often granted according to planning regions. He feels certain unique details of a county system will be easier to spot when looking at them on a regional scale. These maps are a bit on the dark side and therefore may not reproduce well but we will try them anyway. If they should turn out OK, more of these will be presented in future columns. One further note, I have checked a few of the map listings with established frequency license publications and found a few listings in disagreement with each other. Dave has confirmed his listings with actual monitoring which points out the important need to verify and then report in with system's actual use versus copying out of a license publication. Dave, thanks a million for your fine efforts in preparing these maps. The readership and I appreciate your efforts.

From DAVID, TX-32:

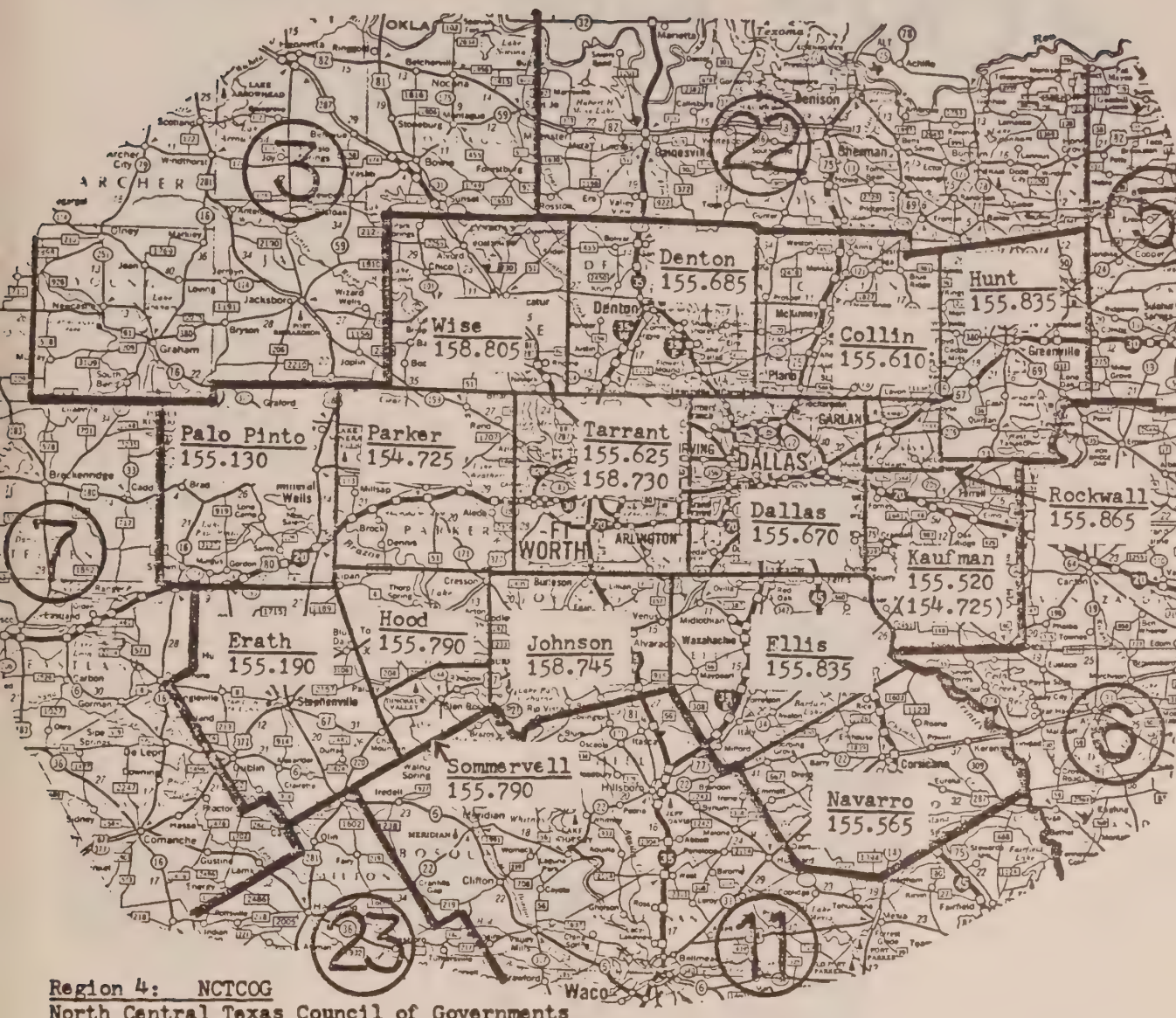
12 - CAPCO



Region 12 --- CAPCO
Capitol Area Planning Council

	County	County Seat	Sheriff Dispatching Channels Rptr output/rptr input	
1.	Bastrop	Bastrop	154.115/156.000	
2.	Blanco	Johnson City	154.755/155.685	
3.	Burnet	Burnet	154.785/155.535	
4.	Caldwell	Lockhart	154.815/155.730	
5.	Fayette	La Grange	154.740/155.655	
6.	Hays	San Marcos	155.865/154.800	
7.	Lee	Giddings	154.755/155.685	
8.	Llano	Llano	154.815/155.430	
9.	Travis	Austin	154.085/156.030	F1-main dispatch
			153.935/155.955	F2-secondary
			154.845/155.640	F3-Constables
10.	Williamson	Georgetown	154.860/155.625	

From DAVID, TX-32: 4 NCTCOG



Region 4: NCTCOG
North Central Texas Council of Governments

County	County Seat	Sheriff DISPATCHING CHANNELS Rptr output/rptr input
1. Collin	McKinney	155.610/154.830
2. Dallas	Dallas	155.670/ ? ---among others
3. Denton	Denton	155.685/156.090
4. Ellis	Waxahachie	155.835/158.955
5. Erath	Stephenville	155.190/154.755
6. Hood	Granbury	155.790/154.815
7. Hunt	Greenville	155.835/153.875
8. Johnson	Cleburn	158.745/155.010
9. Kaufman	Kaufman	155.520/159.150
10. Navarro	Corsicanna	155.565/155.970
11. Palo Pinto	Palo Pinto	155.130/154.740
12. Parker	Weatherford	154.725/154.850
13. Rockwall	Rockwall	155.865/ ?
14. Somervell	Glen Rose	155.790/154.815
15. Tarrant	Ft. Worth	155.625/ ? --among others 158.730/ ? --among others
16. Wise	Decator	158.805/ ?

That's it for this round. We'll be seeing you next month with the annual winter monitoring special edition. May everyone have a most pleasant Thanksgiving holiday.

CODE 20 RADIO DIRECTORY™

- State/County Public Safety 2-Way Radio Systems
- Intersystem & Tactical State-Wide Networks
- National Disaster/Distress Frequencies
- State & National 10-Codes
- Radio Band Frequency List
- Monitoring & The Law
- Channel #s/System Uses
- State Troopers/Highway Patrol
- Civil Defense/Search & Rescue
- County Sheriffs/Fish & Game
- Turnpike Authorities
- Department of Motor Vehicles
- Forest Rangers/ Indian Affairs
- Correctional Institutions
- Radar Communications
- CB Calls for State Patrols

By Nathan Young

RCMA #FL-021

PAID ADVERTISEMENT

AVAILABLE IMMEDIATELY:
NORTHEAST U.S. EDITION (CT, DE, MA, MD, ME, NH, NJ, NY, PA, RI, AND VT)
NORTHEASTERN GULF COAST (S AL, S MS, S LA, NW FL)
CALIFORNIA WITH CHP MAP
AR, FL, MO, OK, TX
8-10 WEEK DELAY:
AL, GA, KS, LA, MS, TN

EXCLUSIVE "CODED" Frequency Lists

PERSONALLY RESEARCHED AND CODED FREQUENCY LISTS FOR MONITORS OF STATE AND COUNTY PUBLIC SAFETY RADIO, INCLUDING SPECIAL CODE CHART. THESE LISTS ARE NOT FCC PRINT-OUTS. THIS NEW PUBLICATION PRESENTS CURRENT, DETAILED INFORMATION IN A UNIQUE FORMAT. ALL 50 STATES WILL BE COVERED IN FOUR VOLUMES. NORTHEAST U.S. EDITION READY NOW. UNTIL ALL FOUR VOLUMES COMPLETED, STATES WILL BE SOLD AS LISTED BELOW. INFORMATION CONSTANTLY BEING UP-DATED AND PROCESSED. ORDER NOW.

PRICING: *NORTHEAST U.S. EDITION (11 STATES)--$12.95
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**AL, GA, KS, LA, MS, TN (ANY ONE)----$ 5.95
(FLORIDA RESIDENTS, PLEASE ADD 4% STATE SALES TAX.)

(*AVAILABLE IMMEDIATELY)
(**EXPECT 8-10 WEEK DELAY)

TO ORDER: SEND CHECK OR MONEY ORDER WITH REQUEST TO:
CODE 20 RADIO DIRECTORY
POST OFFICE BOX 4033
WARRINGTON, FL 32507

DEALER INQUIRIES ARE INVITED

PUBLIC SAFETY WEST

PUBLIC SAFETY - WEST

Send Public Safety and Special Emergency frequencies, radio system details and questions for Alaska, Arizona, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming to:

George Hoggatt, 17473 E. 16th Drive, Aurora, CO 80011.

Here we go again. I hope my chair lasts long enough to finish this. It just made a very unpleasant noise. Would you believe it. There is enough for this months column and a start on next months. That dosen't meen you can wait to send your data, keep it comming.

UTAH

Mike (ID-001) has answered Kent Haycock's question about Utah fish and Game frequencies: they use Utah Highway Patrol except for a car-to-car statewide frequency: 155.775 is for Fish and Game cars, car-to-car statewide. Also of interest is 151.415 for State Forestry statewide. Thanks Mike.

SANTA FE NEW MEXICO AREA (Joe Pickett NM-010)

154.040 Kas Vegas Police Dept., Las Vegas City Gov't., Albuquerque City Gov't.
154.085 Espanola City Gov't.
154.160 Albuquerque Fire Dept.
154.310 Santa Fe Fire Dept. and State Wide Fire Freq.
154.340 Santa Fe Fire Dept.
154.430 Bernalillo County Fire and Espanola Fire Dept.
154.725 Tribal Police
154.800 New Mexico State Police (Deming)
154.875 New Mexico State Police (Grants)
154.920 New Mexico State Police (Statewide Emergency)
154.980 Las Vegas Local Government
155.010 Albuquerque Police Dept.
154.040 Albuquerque Local Govt.
155.070 New Mexico State Police (Gallinas Peak)
155.115 Cochiti Police Dept.
155.130 Bernalillo County Sheriff
155.220 C & H Ambulance
155.250 New Mexico State Police (Cuba) and Albuquerque Police Dept.
155.310 Sandoval County Sheriff
155.340 Espanola Hospital, St. Vincent's Hospital, Las Vegas State Hosiptal and Rogers Ambulance in Las Vegas
155.370 New Mexico State Police (Espanola, Los Alamos, Chama, Tierra Amarilla, Vaughn, Moriarty, Questa, Fort Sumner
155.400 Presbyterian Hospital and St. Joseph's Hospital in Albuquerque
155.430 Santa Fe County Sheriff and New Mexico State Police (Datil)
155.475 New Mexico State Police (Santa Fe and Albuquerque)
155.490 Albuquerque Police Dept.
155.520 New Mexico State Police (Albuquerque, Cuba, Deming, Montoya, Melrose, Las Cruces, and silver City)
155.535 New Mexico State Police (Santa Fe)
155.550 New Mexico State Police and state wide law enforcement
155.565 New Mexico State Police (Santa Fe, Tierra Amarilla, Ruidoso, Maljamar, Tres Piedras and Farmington)
155.580 New Mexico State Police (Las Vegas, Datil, Des Moines and Socorro)
155.595 Santa Fe Police Dept. (channel 11)
155.610 Bernalillo Police Dept.
155.655 New Mexico State Police (Sante Fe)
155.670 Albuquerque Police Dept.
155.685 New Mexico State Police (Santea Fe)
155.700 same
155.730 same
155.790 New Mexico State Police (District 7, Ruidoso and Cloudcroft)
155.850 New Mexico State Police (Albuquerque) and Albuquerque Police

155.910 Tribal Police
155.970 Bernalillo Sheriff
156.015 Zuni Indian Tribe
156.030 Grants Police Dept.
156.150 Santa Fe City Police Dept. (Channel 1)
156.210 Espanola City Police Dept.
156.750 New Mexico State Police (Gallup, Grants, Farmington, Santa Fe and Albuquerque) ed. note this is ok even in the marine band, New Mexico is like Colorado, not a lot of water. But the marine channels are in use by the Coast Guard on the lakes and reservoirs.
158.730 New Mexico State Police (Gallup, Grants, Farmington, Santa Fe and Albuquerque)
158.820 Santa Fe City Government
158.850 New Mexico State Police (Albuquerque) and Bernalillo County Sheriff
158.090 New Mexico State Police (Pleasanton and Alamogordo) not a police or local govt. freq. can anyone verify? ed.
159.030 New Mexico State Police (Lordsburg, Las Cruces, Montoya, Springer, and Las Vegas
159.090 New Mexico State Police (Albuquerque, Las vegas, Santa Fe, Tularosa, Socorro, Las Cruces, and Santa Rosa)
159.150 New Mexico State Police (Grants, Santa Fe, Raton, Albuquerque, LasVegas
159.420 New Mexico State Police (Ruidoso, Datil, Grants, Aztec, Truth or Consequences, and Bernalillo)
167.925 Los Alamos County Police Dept.
452.500 New Mexico State Police (Melrose and Des Moines)
453.000 New Mexico State Police (Farmington)
453.250 New Mexico State Police (Albuquerque)
453.500 Statewide Hospital and Ambulance frequency
457.500 New Mexico State Police (Clovis)
458.000 New Mexico State Police (Farmington)
458.250 New Mexico State Police (Albuquerque)
458.500 Statewide Hospital and Ambulance frequency
460.125 State Penitentiary

NEW MEXICO STATE POLICE

10-1 Receiving poorly
10-2 Receiving well
10-3 Stop transmitting
10-4 O.K.
10-5 Relay
10-6 Busy
10-7 Out of service
10-8 In service
10-9 Repeat
10-10 Out of service, subject to call
10-11 Dispatching too rapidly
10-12 Visitors present
10-13 Weather and road conditions
10-14 Escort
10-15 Prisoner in custody
10-16 Pick up prisoner at _____
10-17 Traffic hazard_____on highway
10-18 Livestock on highway
10-19 Return to your station
10-20 Location
10-21 Call this station by phone
10-22 Take no further action last info.
10-23 Stand by
10-24 Trouble at this station assistanc required
10-25 Do you have contact with_____
10-26 Do not use emergency equipment
10-27 Any answer reference_____
10-28 Check registration
10-29 Check for wanted
10-30 Does not conform to rules and regulations Dept. and/or FCC
10-31 Bomb scare
10-32 Demonstration
10-33 Emergency traffic
10-34 Clear for local dispatch
10-35 Confidential information
10-36 Correct time
10-37 Operator
10-38 Send mechanic to_____
10-39 Civil Defense dispatch
10-40 Progress on assignment
10-41 Female in patrol unit, prisoner or passenger, mileage, location
10-42 Officer_____at home
10-43 Drag-racing at_____
10-44 Accident, no injuries
10-45 Accident, with injuries
10-46 Wrecker requested, location_____
10-47 Drunken driver
10-48 Use Caution
10-49 Any traffic for this Unit
10-50 No traffic
10-51 Industrial accident
10-52 Drowning, location_____
10-53 Officer is clear, location_____
10-54 Have car stopped, may be dangerous, location and license number
10-55 Ambulance requested, location_____
10-56 Change location
10-57 Drunk pedestrian, location_____
10-58 Mental patient, violent
10-59 Mental patient, non-violent
10-60 Emergency assistance needed by this unit at _____
10-61 This officer has been injured
10-62 City Police Unit____involved in accident, location_____
10-63 Dispatch Coroner to_____
10-65 Clear for message assignment
10-66 Cancellation
10-67 Station_____carry this message

10-70 Crime in progress
10-72 Place roadblock at _____
10-73 Lift roadblock, authority_____
10-75 Stolen vehicle
10-77 Mobile unit switch to F4
10-80 Armed and dangerous
10-81 Officer_____will be at station
10-82 Reservations at_____for Officer _____for_____
10-83 Undercover investigation at_____
10-84 Informant in unit
10-85 Keep vehicle under surveillance only, DO NOT stop
10-87 Can you meet_____at_____
10-88 Advise 'phone # for station-to-station call
10-90 State Police aircraft going down location_____(crash emergency only)
10-91 State Police aircraft making an emergency landing, location_____
10-92 State Police aircraft closing flight plan at _____time_____
10-93 State Police aircraft in adverse weather conditions at _____
10-94 State Police aircraft switching to FAA frequency, location_____
10-95 State Police aircraft on the ground and secured at_____
10-96 Campus unrest
10-97 Arrived at scene
10-98 Last assignment completed
10-100 Riot conditions exist
10-101 Investigate disturbance at location_____

PORTLAND OREGON AREA (Stan OR-19 and Police and Fire Frequency Listing)

MULTNOMAH COUNTY AND PORTLAND FIRE

FREQUENCIES

	154.430	(S)	TAP OUT CHANNEL (NO 2 WAY COMMUNICATIONS ON THIS CHANNEL)
F-1	154.010	(S)	ADMINISTRATION
F-2	154.250	(S)	FIRE GROUND OPERATIONS
F-3	154.145	(S)	FIRE GROUND OPERATIONS
F-4	154.175	(S)	FIRE GROUND OPERATIONS
F-5	154.355	(S)	FIRE GROUND OPERATIONS
F-6	154.325	(S)	MUTUAL AID BORING AND SANDY
F-7	154.220	(S)	MUTUAL AID HAPPY VALLEY, CLACKMAS COUNTY DIST.# 1, OAK LODGE AND MILWAUKIE
F-8	154.280	(S)	OREGON STATE FIRE NET.

ALARM TYPES

ACTION AND WATER FLOW - AUTOMATIC ALARM
STREET BOX ALARM ---- PULLBOX
PHANTOM BOX ---------- PHONE CALL

FIRE ALARM BOX LOCATIONS

1000 SERIES - SOUTHWEST
2000 SERIES - NORTHWEST
3000 SERIES - BURNSIDE TO KILLINGSWORTH
4000 SERIES - BURNSIDE TO POWELL
5000 SERIES - POWELL TO CITY LIMITS
6000 SERIES - NORTH
7000 SERIES - NORTH

MULTNOMAH COUNTY AND PORTLAND FIRE BUREAU RADIO CODE

PORT. FD	100 - FIRE COMMISSIONER	DIST. 10	400 - CHIEF OF DEPARTMENT	PORT. FD	505 - LINEMAN
"	100A- ADMINISTRATIVE ASSISTANT	"	401 - BATTALION CHIEF, DISTRICT 1	"	506 - LINEMAN
"	101 - CHIEF OF BUREAU	"	402 - BATTALION CHIEF, DISTRICT 2	"	510 - SUPERINTENDENT - BUILDINGS
"	102 - ASST. CHIEF - EXEC. OFFICER	"	405 - ASSISTANT CHIES, ON-DUTY	"	512 - ELECTRICIAN
"	103 - ASST. CHIEF ON DUTY	"	408 - STAFF CAPTAIN	"	513 - CARPENTER (LEAD)
"	104 - MGMT. SUPPORT SERV. OFFICER	"	409 - ASST. CHIEF, EXEC. OFFICER	"	514 - CARPENTER
"	105 - PUBLIC INFORMATION OFFICE	"	420 - FIRE MARSHAL	"	515 - CARPENTER
"	106 - STAFF CAPTAIN, RESEARCH	"	421 - 424 RESERVED	"	516 - PIUMBER
"	107 - STAFF OFFICER	"	430 - ASST. FIRE MARSHAL	"	517 - MAINTENANCE MECHANIC
"	108 - STAFF OFFICER	"	431 - 438 RESERVED	"	518 - PAINTER (LEAD)
"	109 - EMS OFFICER	"	439 - BASE RADIO	"	519 - PAINTER
"	150 - CHIEF TRAINING OFFICER	"	440 - INVESTIGATOR	"	520 - SUPERINTENDENT - APPARATUS
"	151 - ASST. TRAINING OFFICER	"	HM50- HAZARDOUS MATERIALS VAN	"	521 - GAS MASK REPAIR MAN
"	152 - ASST. TRAINING OFFICER	"	450 - TRAINING CAPTAIN	"	522 - AUTO MECHANIC (ON-DUTY)
"	153 - ASST. TRAINING OFFICER	"	451 - TRAINING LIEUTENANT	"	523 - AUTO MECHANIC
"	154 - APP. PUMP & DRIVING INST.	"	455 - TRAINING BASE RADIO	"	524 - AUTO MECHANIC
"	155 - RECRUITER	"	459 - TRAINING AIDE	"	525 - AUTO SERVICER
"	156 - TV-1 VAN	"	460 - FIRE ALARM SPECIALIST	"	526 - AUTO SERVICER
"	300 - FIRE MARSHAL	"	461 - FIRE ALARM COMM. TECH.	CORBETT	600 - FIRE CHIEF
"	301 - ASST. FIRE MARSHAL	"	465 - FIRE ALARM COORDINATOR	"	601 - ASST. CHIEF
"	302 - HARBOR MASTER	"	470 - MAINTENANCE SUPERINTENDENT	"	602 - ASST. CHIEF
"	303 - PHOTOGRAPHER	"	471 - APPARATUS MECHANIC	"	620 - FIRE MARSHAL
"	304 - INSPECTOR II (INVESTIGATION)	"	472 - MECHANIC	GRESHAM	700 - FIRE CHIEF
"	305 - INVESTIGATOR (DAYS)	"	475 - BASE RADIO	"	701 - ASST. CHIEF
"	306 - POLICE DETECTIVE	"	490 - PUBLIC INFORMATION OFFICER	"	702 - VOL. ASSTIANT CHIEF
"	307 - INVESTIGATOR (SHIFT)	"	495 - ASST. P.I.O.	"	720 - FIRE MARSHAL
"	308 - JEFF MORRIS VAN	"	499 - PHOTOGRAPHER	"	721 - ASST. FIRE MARSHAL
"	309 - INSPECTOR (SCHOOLS)	PORT. FD	500 - LOGISTICS OFFICER	"	727 - INSPECTOR "A"
"	310 - 314 INSPECTORS (NIGHT)	"	501 - SUPT. OF FIRE ALARM	"	728 - INSPECTOR "B"
"	315 - 350 RESERVED	"	502 - CAPTAIN FIRE ALARM DISPATCH	"	729 - INSPECTOR "C"
		"	503 - LINE FOREMAN	"	740 - INVESTIGATOR (ON-DUTY)
		"	504 - LINEMAN	"	771 - FOREMAN

FIRE STATION LOCATIONS

ENGINE 2 ---------- 630 S.W. GAINES
ENGINE 3, TRUCK 3 (BATTALION 2 H.Q.) - 1715 N.W. JOHNSON
ENGINE 4, TRUCK 2 (BATTALION 1 H.Q.) - 511 S.W. COLLEGE
ENGINE 5, TRUCK 8 ---------- 1505 S.W. DEWITT
ENGINE 6, BOAT 2 ---------- 3660 N.E. FRONT
ENGINE 7, BOAT 1 ---------- 5 S.E. MADISON
ENGINE 8 ---------- 7134 N. MARYLAND
ENGINE 9 (BATTALION 4 H.Q.) ---------- 900 S.E. 35TH
ENGINE 10 ---------- 5830 S.W. KELLY
ENGINE 11 ---------- 5707 S.E. 92ND
ENGINE 12 ---------- 7201 N.E. ALDERWOOD RD.
ENGINE 13, TRUCK 5 ---------- 926 N.E. KILLINGSWORTH
ENGINE 14 ---------- 1905 N.E. KILLINGSWORTH
ENGINE 15 ---------- 1920 S.W. SPRING
ENGINE 16 ---------- 4465 N.W. YEON
ENGINE 17 ---------- 12070 N. JANTZEN
ENGINE 18 ---------- 8720 S.W. 30TH
ENGINE 19, TRUCK 6 ---------- 7301 E. BURNSIDE
ENGINE 20 ---------- 2235 S.E. BYBEE
ENGINE 21, TRUCK 1, RESCUE 1, SQUAD 1- 55 S.W. ASH (CENTRAL)
ENGINE 22, TRUCK 9, RESCUE 3 --------- 7205 N. ALTA

ENGINE 23, TRUCK 4 ---------- 2915 S.E. 13TH AVE.
ENGINE 24, TRUCK 7 (BATTALION 3 H.Q.) --- 4515 N. MARYLAND
ENGINE 25, TRUCK 10, RESCUE 2 ---------- 5211 S.E. MALL
ENGINE 26 ---------- 5247 N. LOMBARD
ENGINE 27 ---------- 11212 N.W. ST.HELENS
ENGINE 28 ---------- 5540 N.E. SANDY
ENGINE 40, 40R ---------- 5916 N.E. GOING
ENGINE 41, 41R, TRUCK 14, RESCUE 10 ----- 1500 S.E. 122ND
ENGINE 42, 42R ---------- 13310 S.E. FOSTER RD.
ENGINE 43, 43R ---------- 13303 N.E. SAN RAFAEL
ENGINE 44, 44R, TRUCK 12, CHEMICAL 44 --- 1520 N.E. 192ND.
ENGINE 45, 45R, HM 50, RESCUE 9, BRUSH 56 1927 S.E. 174TH AVE.
ENGINE 47, 47R ---------- 7144 S.E. 302ND
ENGINE 48, 48R, TRUCK 13, RESCUE 8 ------ 4835 N.E. 106TH
ENGINE 49, 49R (TROUTDALE)---------- 1200 S.W. CHERRY PARK
ENGINE 46, 46R ---------- 645 S.E. 122ND.
BOAT 3 ---------- PIER 2 TERMINAL 4
DIST. 14 (CORBETT) ---------- CORBETT, OREGON
DIST. 20 (SKYLINE) ---------- 8031 N.W. SKYLINE
NOTE: DIST. 20 IS DISPATCHED BY WASH. COUNTY FIRE

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PHOENIX ARIZONA AREA

Rod Sutter Az 047
(971-9129)

Hi again, there hasnt been much going on here in town, at least not of any great importance. Well the following are more of the codes and some other frequencies that are being used in the greater Phoenix area, and in Maricopa County. This is Phx Fire Stations.

STATION	BATTALION	ADDRESS	COLOR	PHONE	CODE
No. 1	1	125 E. Madison	Brass	262-6301	E-E-H-L-R-B.C. 1
No. 3	1	345 N. 15th Ave.	Orange	262-6303	E-D.C.
No. 4	1	1130 N. 1st St.	Gray	262-6304	E-S-U
No. 5	2	1401 E. Thomas	Yellow	262-6305	E-
No. 6	1	368 W. Apache	Black	262-6306	E-R
No. 7	4	403 E. Hatcher	Blue	262-6307	E-R-B.C. 4
No. 8	1	541 W. Encanto	Green	262-6308	E-
No. 9	1	3826 N. 3rd St.	White	262-6309	E-H-L
No. 10	3	2558 W. Thomas	Black-Yellow	262-6310	E-H-L
No. 11	2	2727 E. Roosevelt	Black-Red	262-6311	E-L-B.C. 2
No. 12	2	4243 N. 32nd St.	Blue-Yellow	262-6312	E-L
No. 13	2	2838 N. 48th St.	Red-Yellow	262-6313	E-R
No. 14	3	1330 N. 32nd Ave.	Green-Yellow	262-6314	E-
No. 15	3	4730 N. 43rd Ave.	Red-White	262-6315	E-
No. 16	2	1216 S. 18th St.	Black-White	262-6316	E
No. 17	4	1531 E. Missouri	Red-Blue	262-6317	E-
No. 18	4	2040 W. Camelback	Orange-White	262-6318	E-
No. 19	2	3635 Sky Harbor Blvd.	Orange-Green	262-6319	F-F-F-T-R
No. 20	4	726 W. Glendale	Blue-White	262-6320	E-L
No. 21	3	1212 S. 27th Ave.	Brown	262-6321	E-
No. 22	1	230 E. Roeser	Yellow-White	262-6322	E-SQ
No. 23	2	2457 E. Broadway	Green-White	262-6323	E-
No. 24	3	2602 No. 43rd Ave.	Blue-Orange	262-6324	E-R-B.C. 3
No. 25	3	4032 N. 59th Ave.	Black-Orange	262-6325	E-T
No. 26	3	3301 W. Rose Lane	Black-Gray	262-6326	E-
No. 27	4	12449 N. 32nd St.	Black-Brown	262-6327	E-B-R
No. 28	2	7409 S. 16th St.	Black-Blue	262-6328	E-T
No. 29	2	4056 E. Washington	Red-Green	262-6329	E-
No. 30	4	7717 N. 27th Ave	Red-Orange	262-6330	E-U
No. 31	4	5730 E. Thunderbird	Black-Green	262 6327	E-T
No. 33	4	2409 W. Cactus	Brown-Orange	262-6333	E-T-B
No. 34	3	50 N. 51st Ave.	Brown-Gray	262-6334	E-F
No. 39	1	2276 W. Southern Ave.	Orange-Yellow	262-6339	E
No. 42	4	3246 W. Greenway Rd.	Gray Blue	262-6342	E

CODE: CODE:

B-Brush Truck
B.C.-Battalion Chief
D.C.-Division Chief
E-Engine
F-Foam Unit
H-Hose
L-Ladder
R-Reserve
S-Snorkel
SQ-Squad
T-Tanker
U-Utility

Phoenix Fire Dept Codes

10-1 Receiving poorly
10-2 Receiving well
10-3 Fire Investigator
10-4 o.k.
10-5 Ambulance
10-6 Send proper utility
10-7 Out of service
10-8 In service by radio
10-9 Fatality, Civilian
10-15 Police,traffic control
10-16 Police matter, urgent
10-20 Give location and destination
10-21 Telephone
10-33 Fire Inspector
10-55 Civilian fire injury
10-56 Fireman injury
10-77 Fire vehicle accident
10-99 Fatality,Fireman
Code 1000- Fire Alarm
66 Assignment- Assist other units
Full Code- No heart beat or breath

These are some PHX P.D. U.H.F. freq. that I forgot last time.

453.100
453.200
453.600
453.800

these are used by Dicks for surveilance i believe.

MARICOPA COUNTY SHERIFF'S OFFICE
PHOENIX, ARIZONA

TEN SERIES

10-1 SIGNAL WEAK
10-2 SIGNAL GOOD
10-3 STOP TRANSMITTING
10-4 AFFIRMATIVE (OK)
10-5 RELAY (TO)
10-6 BUSY
10-7 GOING OFF DUTY/ OUT OF SERVICE
10-8 IN SERVICE
10-9 SAY AGAIN
10-10 NEGATIVE
10-11 _____ON DUTY
10-12 STAND BY (STOP)
10-13 EXISTING CONDITIONS (ROAD OR WEATHER)
10-14 MESSAGE INFORMATION
10-15 MESSAGE DELIVERED
10-16 REPLY TO MESSAGE
10-17 ENROUTE
10-18 URGENT/COMPLETE ASSIGNMENT AS SOON AS POSSIBLE
10-19 (IN) CONTACT
10-20 LOCATION
10-21 CALL BY PHONE
10-22 DISREGARD/TAKE NO FURTHER ACTION
10-23 ARRIVED AT SCENE
10-24 ASSIGNMENT COMPLETED
10-25 REPORT TO (MEET)
10-26 ESTIMATED TIME OF ARRIVAL
10-27 DRIVER'S LICENSE/PERMIT INFORMATION
10-28 OWNERSHIP INFORMATION/ CHECK FULL REGISTRATION
10-29 RECORDS CHECK/WARRANT INFORMATION
10-30 DANGER/CAUTION
10-31 PICK UP PAPERS
10-32 UNITS NEEDED (SPECIFY)
10-33 HELP ME QUICKLY
10-34 CORRECT TIME
10-35 ____ RESERVED____
10-36 ____ RESERVED____
10-37 ____ RESERVED____
10-38 ____ RESERVED____
10-39 ____ RESERVED____
10-40 OUT OF SERVICE/SUBJECT TO CALL
10-41 CONVOY OR ESCORT (MAIL, PARADE, ETC.)
10-42 PRISONER IN CUSTODY OR BOOKING
10-43 NO TRAFFIC YOUR UNIT
10-44 DOES NOT CONFORM WITH RULES OR REGULATIONS
10-45 EMERGENCY TRAFFIC AT STATION
10-46 CHECKING FOR TRAFFIC
10-47 PREPARE TO COPY
10-48 OFFICER AT HOME
10-49 CONFIDENTIAL INFORMATION
10-50 SWITCH/ING TO____FREQUENCY
10-51 FELONY WARRANT OUTSTANDING
10-52 MISDEMEANOR WARRANT OUTSTANDING
10-53 ATTEMPT TO LOCATE-DO NOT MOLEST
10-54 HAVE CAR STOPPED--MAY BE DANGEROUS
10-56 SPECIAL INFORMATION DESIRED ON YOUR SUBJECT
10-57 YOU HAVE POSSIBLE DANGEROUS SUBJECT/BACK-UP ENROUTE
10-66 CLEAR FOR CANCELLATION
10-68 COURT ATTENDANCE (COURT DATE OR SUBPOENA)
10-69 COURT DETAIL
10-70 P. R. CONTACT (LUNCH, DINNER, TALK)
10-71 POLICE RANGE
10-73 EQUIPMENT TRANSFER
10-74 MINOR REPAIR (VEHICLE P.M., ETC)
10-75 MORGUE DETAIL
10-76 NOTIFY OWNER OF VEHICLE RECOVERY/UNABLE TO CONTACT BY PHONE
10-77 NOTIFY PARENTS OF JUVENILE DETENTION
10-78 DETENTION DETAIL
10-79 DEATH MESSAGES OR EMERGENCY MESSAGES
10-81 CLINIC DETAIL
10-84 STOP SIGNS DOWN
10-85 WIRES DOWN (POWER, PHONE ETC)
10 86 IRRIGATION WATER ON STREET
10-87 BROKEN WATER MAINS
10-88 DAMAGED SIDEWALK
10-89 HOLES IN STREET
10-90 TRAFFIC SIGNALS OUT OF ORDER
10-91 ASSIST STRANDED MOTORIST
10-92 NO FURTHER ASSISTANCE NEEDED
10-93 STAKE OUT – STAY AWAY
10-94 OUT FOR LUNCH
10-95 OUT FOR REST ROOM
10-96 WOMAN IN CAR
10-97 WOMAN OUT OF CAR
10-98 OUT AT HEADQUARTERS
10-99 POLICE CAR STOLEN

PHONETIC ALPHABET

A– ADAM	J– JOHN	S– SAM
B– BOY	K– KING	T– TOM
C– CHARLIE	L– LINCOLN	U– UNION
D– DAVID	M– MARY	V– VICTOR
E– EDWARD	N– NORA	W– WILLIAM
F– FRANK	O– OCEAN	X– X-RAY
G– GEORGE	P– PAUL	Y– YOUNG
H– HENRY	Q– QUEEN	Z– ZEBRA
I– IDA	R– ROBERT	

ARIZONA DEPARTMENT OF PUBLIC SAFETY RADIO CODES

10-1 Receiving poorly
10-2 Receiving well
10-4 Okay
10-5 Relay
10-6 Busy
10-7 Out of Service
10-8 In Service
10-9 Repeat
10-10 Out At _____
10-11 Dispatching too Rapidly
10-12 Official/Visitor/Present
10-13 Road/Weather/Conditions
10-14 Convoy/Escort
10-15 Prisoner
10-16 Insane Person/Caution
10-17 Papers/Package
10-19 Return/Proceed/Enroute To
10-20 Location
10-21 Telephone
10-24 Trouble at Station
10-27 Drivers License Check
10-28 Vehicle Registration Check
10-29 Stolen/Wanted Check
10-30 Contrary to Regulation
10-35 Confidential Information
10-36 Correct Time
10-37 Name of Operator
10-38 Is Party Out of Range?

10-40 Stolen Vehicle
10-42 Officer at Home
10-43 No Traffic
10-45 Meet the Unit at____
10-46 Any Traffic
10-50 Payroll Check
10-51 Use Caution/Officer in Jeopardy
10-52 Unit____Switch Channels
10-82 Reserve Room for Officer
10-97 Arrived at Scene
10-98 Assignment Completed

Code-1 Bomb Threat
Code-2 Urgent
Code-3 Emergency
Code-4 No Ass. Needed
Code-7 Out to Eat
Code-9 Repres/House
Code-10 Senator/Senate
Code-20 Security Check
Code-34 Motorist Assist
Code-101 Woman in Car
Code-102 Woman out Car
Code-103 Out at HQ
Code-105 Open Gate
Code-106 Close Gate
Code-211 Armed Robbery
Code-417g/k Sub,w/Gun/Knife
Code-451 Homicide
Code-692 DWI
Code-901C/S Cutting/Shooting
Code-926 Wrecker Needed
Code-961 Accident No Inj.
Code-962 Accident W/Inj
Code-963 Accident W/Death
A after 961-962-963 indicates DPS involved
Code-998 Officer inv. in Shooting
Code-999 Officer needs Help/Urgent

All other Situations will be covered by plain English

This little article might help out some of the members in the Phoenix area. The codes or dispositions as they are called in code are what the officer is going to do or has done after they recieve a call from the dispatcher. So if the officer gets a call about a 647 (suspicious vehicle) and after he gets in the area of where the call came in from he cannot find the car he will tell the dispatcher that the 647 was #3 (unable to locate). The dispositions are the same of both Sheriff and City police, but the codes are a little different.

DISPOSITIONS

1. Arrest-No case report
2. DR Form
3. Unable to locate
4. Civil matter
5. Detail Completed
6. Case/Crime report made
7. Interrogated & Released
8. Accident report made
9. Traffic citation made
10. Turned over to other agency
11. Juvenile referral
12. Tow truck request made
13. Property invoice made

if any of the AZ members would like to get in touch with me and exchange info they can contact me at 971-9129 between the hours of 9am - 2:30 pm or after 10:00 at night. If any of the other members in the Phoenix area have any frequencies that i have not listed yet please call me and give them to me i would like to see more of the Arizona people writing in this column.

Maricopa County Sheriff
460.050 Channel 1 West
460.100 Channel 2 West/chase
460.150 Channel 3 East
460.200 Channel 4 Detectives
460.275 Channel 5 Detectives
460.075 Channel 6 East/chase
460.125 Channel 7
460.250 Channel 8 Tri city
159.090 Channel 9 Search and Rescue

Chandler
155.250
155.710

Arizona Highway Dept.
154.735

Ambulances
155.325 AmEvac
155.280 AmEvac

463.400 Asso.
155.235 Survival Flight
155.160 Kords
155.175 Kords

COLORADO AND VICINITY (Harry Blakeman CO-004)

Here is some information for the RCMA newsletter. Arapahoe County sheriff department mobile radios are configured as follows:

Ch1	155.670R	158.850T	Main dispatch
Ch2	155.415R	159.150T	Car to Car
Ch3	155.670R	155.670T	Simplex of Ch1
Ch4	empty	empty	*
Ch5	155.805R	155.055T	County government, SD command
Ch6	154.665R	154.740T	Old state patrol Ch1
Ch7	154.665R	154.665T	New state patrol Ch1
Ch8	154.905R	154.905T	State patrol Ch3

Aurora L.S.U. stands for Line Support Unit. Manning charts call for a strength of 14 officers, however, it is seldom up to strength. The unit contains 3 intelligence officers and one officer currently assigned to a strike force (not the former OCSF). The remaining officers do various undercover tasks. The unit did the Drugs On Campus 1, 2 and 3 (DOC 1,2,3) investigations. This summer the unit has done some decoy operations along the southside of East Colfax (Adams county will not prosecute the cases so they are all done on the Arapahoe County side of the street). The unit has also done Operation John in the past. I cannot reveal the CH 6 frequency because of the RCMA policy on sensitive frequencies. The SWAT team has the same CH 6 in their radios. CH 6 in the car radios is not the same frequency. Car radios are configured as follows.

Ch1	453.325R	458.325T
Ch2	453.425R	458.425T
Ch3	453.725R	458.725T
Ch4	453.800R	458.800T
Ch5	453.800R	453.800T
Ch6	453.725R	453.725T
Ch7	453.425R	453.425T
Ch8	453.325R	453.325T

Chs 3 & 6 are assigned to the technical services division. That's why animal control and detectives use the same two channels.

Only Ch1 and Ch2 have satellite voting receivers. They are located at fire station 1, 3, 4, 9, 5 and the water treatment plant at 14201 East Hampden. The police and fire data transmitted on 154.8 and 155.64 is very easy to decode if you don't mind having the messages interleaved. The interleaving can be taken care of if you don't mind spending a little more money for a time base clock in the decoder. All you have to do is convert the two tones into a binary format and then you have 2400 baud data that can be fed into any home computer. The officers aren't very careful about what they say because Martin Bain the communication director has told everyone that the data is impossible to decode.

* More on Arapahoe County Channel 4, Cherry Hills Cars (300 units) have their local government frequency (154.025) and some of the Sheriff's Investigators have the District Attorney's frequency (155.595)

Other public safety systems around the state:

PF	MR	453.950	Evergreen Fire Protection District	CM 458.950
PO	MR	151.340	State of Colorado Forestry located on Squaw Mtn	
PO	MR	151.340	State of Colorado for Park and Teller County	
PO	MR	151.430	State of Wyoming Newcastle, Cheyenne and Douglas	
PO	MR	151.460	State of Colorado for Park and Teller counties	
PL	BM	154.055	Breckenridge	
PP	MR	154.875	Breckenridge	CM 155.970
PL	BM	155.055	Bayfield	
PL	BM	155.100	Columbine Valley	

PL	BM	155.100	Silverthorne	
PL	BM	155.115	Parachute	
PP	BM	155.130	Durango	
PS	BM	155.175	Teller County Search and Rescue	
PS	BM	155.205	Longmont Emergency Unit	
PS	BM	155.205	Douglas County EMS Council	
PS	BM	155.220	Larimer County American Red Cross	
PP	BM	155.415	Rifle	
PP	BM	155.580	Longmont	
PL	BM	155.835	Larimer County	
PP	BM	155.850	Sweetwater County, Wyoming	
PL	BM	155.895	Fort Lewis College, Durango	
PP	MR	154.875	Montrose	CM 156.030
PH	BM	156.105	Arvada	
PP	BM	156.150	Pueblo	
PP	AR	156.150	Weld County Sheriff mobile extender	
PL	MR	158.760	Fort Collins	CM 155.775
PL	MO	158.955	Arapahoe County	
PP	MR	154.800	Trinidad MR is located on Mt. Sierra Grande also used by the state patrol	CM 159.030
PO	MR	159.465	Boulder Parks and Recreation	CM 159.240
PL	BM	453.200	Pueblo Vocational Community College	
PL	BM	453.250	Superior	
PL	MR	453.275	Larimer County	
PP	BM	453.625	Colorado Law Enforcement Emergency Network (CLEEN)	
PL	MR	453.725	El Paso County	
PL	MR	453.950	Upper Eagle County Sanitation District	
PP	BM	460.150	Pueblo County jail security	
PP	MO		Southern Colorado State College 460.300	

The following systems are in various stages of construction:

PL	BM	155.895	Arapahoe County Public Airport Authority	
PO	MR	151.145	Utah Forestry and Fire Control Agency, Richfield, Utah	
PF	MR	154.445	Gilpin County	CM 153.950
PF	BM	154.190	Northern Sagauche Fire Protection District	
PF	MO	45.880	Cunningham Fire Protection District	MR 46.500
PP	MO	155.475	Parker NLEEC	
PL	BM	154.995	Rangely	
PP	BM	155.640	Rangely	
PP	BM	155.475	Rangely NLEEC	
PP	BM	460.425	Douglas County CLEER	
PP	BM	155.475	Douglas County NLEEC	
PP	BM	155.475	Pueblo NLEEC	
PF	MO	153.890	Durango	MR 154.340
PL	MR	153.965	Elbert County	CM 155.715
PF	BM	154.280	Boulder Heights FERN2	
PF	BM	154.325	Louisville	
PF	MR	154.415	Western Las Animas County Fire Network	CM 154.010
PP	MO	156.060	Hyland Ranch Metropolitan District One	MR 154.890
PL	BM	154.995	Rangely	
PS	BM	155.205	Southwest Memorial Hospital Caviness Mtn, Cortez	
PS	BM	155.235	Elizabeth Area Ambulance Service	
*PP	MR	155.310	Durango Smelter Mtn	CM 156.150
*	MR	462.575	Reed Ambulance	

* In use

Useage of FERN2, 154.280 is increasing. Denver has installed their base station at Mt. Morrison and Jefferson County is using the frequency to coordinate with their helicopters when the departments don't have low band (Arvada, Fairmount, Lakewood, Bancroft, edgewater etc.)

Bancroft's new Motorola system has been installed. The system is still carrier squelch, but the mobile relay is so insensitive it's doubtful that Routt County will be heard thru it. On one morning radio check only one portable was able to access the relay or its associated voting system. On several occasions the old GE mobile relay has had to be put back into service. The district say Motorola wants $6400 a month to maintain just the microwave equipment in the new system. Their entire Mountain Bell phone bill last year was only $90,000.

Public Safety-California

Public Safety-California P.O. Box 3962 Santa Fe Springs, California 90670-1962

PUBLIC SAFETY - CALIFORNIA

Send Public Safety and Special Emergency frequencies, radio system details and questions to:

Public Safety, California, P.O. Box 3962, Santa Fe Springs, CA 90670-1962

Welcome to the November 1982 issue of Public Safety-California

From NEAL CA-LA-385: A correction to last month, LAPD official tows;
35.98 Fox Tow Van Nuys 157.50 Mid Valley Towing (AAA)

From TOM CA-LA-475: Ref. LAPD; Unknown group of units in the West Bureau identified as "34MARY". If you know what these are please let us know. It may be the Motor units. Tom also had update for the West Bureau which is in this column done by DAN CA-LA-359.

From GEORGE NY-164: If you would like an eight page frequency list of the Tuolumne, Calaveras, Mariposa, and Merced Counties area, just send your request to George Wight , PO Box 732, Groveland, CA 95321 He has a Bearcat crystal for 39.70mhz for 2.75 or trade for 45.42mhz.

From LYBRAND CA-LA-157: South Bay Fire has renumbered fire companies.

154.13 Dispatch 154.355 Fireground
Fire companies now have a two digit number which corresponds with police numbers (Redondo Beach #6, Hermosa Beach #1, Manhattan Beach #2, El Segundo #3, Hawthorne #5). Thus Redondo Beach Engine 1 has become #61, and El Segundo #3 has become #33. Apparently in the past, there has been some confusion with identical numbers, and the dispatcher could be heard correcting herself from "Hermosa #1" to "Hawthorne #1", and the new numbering system seems to be to correct and eliminate such confusion.

From HUGH (CA-LA-472):

Congratulations on the best column in the RCMA Newsletter. Of course, I'm biased living in L.A., but even so I think you have great info pipelines from uncommunicative places like LAPD.

On the subject of the fuzz, I agree with what you said in your good discussion of ROVER and its problems in the Sept. issue. I thought I was hearing bad audio because of some limitation of scanners that the Motorola gear wouldn't have, although I should have suspected something when LAPD "ten henry" units ran intelligibility tests on the West Bureau frequencies for weeks before the changeover on July 30. I think my outdoor antenna is in the field of several repeaters. Sometimes it sounds better on the little built-in whip. I have tried several different scanners and antennas, and most of the time the sound is distorted on all of them. However, the audio is fine on the fire dept. channels in the same band.

The other interesting phenomenon since the ROVER changeover is the virtual disappearance of the Air units from my scanner. On simplex, which is how these guys work most of the time, the range is only a couple of miles on my less-than-optimum equipment. On duplex, like when they try to contact an RTO or something, they often bring up every repeater around, producing pure electronic music. However, I

often get garbled copy even when they are on simplex, directly overhead, and producing full quieting. Sometimes half their words are pure garbage. The cops are copying them, however, so obviously it is some problem with scanners. Anyway, I have more or less stopped monitoring LAPD, a fact that would probably please Chief Gates no end.

This brings up my last thought on LAPD. I am aware of all the big advantages of C.A.D., M.D.T., etc., at least when all the damn stuff works, but I still think that the LAPD has gotten too paranoid about people intercepting their communications. My feeling is that the crooks will always find some way to eavesdrop, no matter what the cost. This leaves only a few borderline criminals and the public screwed, and this costs the LAPD the best source of free P.R. they ever had. People who can listen in on these well-trained professionals at work are less likely to buy the press image of all cops being screw-offs who loot stores and choke unarmed blacks. They could always arrest the few idiots who chase down calls they hear on scanners and get in the way.

The other noteworthy event this summer is the L.A. city FD getting Digicom going again. The first day, Aug. 21, was pure chaos, with people pushing the wrong buttons and dispatchers getting confused. However, it seems to be working now. Turkey calls are heard on 33.48 Mhz (old channel 12), 33.86 (channel 14), and 33.90 (channel 9). I would be interesting in knowing if all the other bells and whistles in LAFD's C.A.D. system are also up and working, such as the suggested responses, the automatic turning on of lights in fire houses, and those neat movie-set status boards.

Finally, I have a couple of questions. What frequencies are used by L.A. city FD helicopters? Do they have their own fq's? Also, does anyone know the frequency of Dodger Stadium security? Just curious.

From DAN (CA-LA-359):

City of Los Angeles - POLICE DEPARTMENT

ROVER UPDATE

The West Bureau of the LAPD has finally made the conversion to the ROVER radio system. Frequency assignments and testing began in mid-July, 1982, and full operations began during the first week of August, 1982.

Again, these assignments are subject to change. But the West Bureau listings are as follows (with notes as listed by the Southern California Edition of POLICE CALL - 1982):

ROVER CHANNEL	FREQUENCY	NOTES	STATION LOCATION
1	506.7625	R	#8-West Los Angeles
2	506.9625	R*	#6-Hollywood
3	507.2125	R**	#7-Wilshire
4	506.5875		Tactical
5	507.2625		Tactical
6	506.8125	R***	#14-Pacific (Venice) West Traffic Division
7	507.0375	R****	#2-Rampart
8	507.0875	R	"Trigger" (Emergency)

NOTES:

R indicates repeater operation on this frequency
* POLICE CALL shows as Wilshire Division
** POLICE CALL shows as Hollywood Division
*** POLICE CALL shows as a tactical frequency
**** Rampart Division is part of the Central Bureau

By the end of 1982, all ROVER frequency assignments should be finalized, with several reassignments still possible. Refer to the August, 1981; April, 1982; and the October 1982 Newsletter issues for the Central, Valley, and South Bureau listings respectively.

The old VHF-Hi dispatching frequencies (to be used for mobile teleprinters) are still used for some simulcasting purposes, only to a limited extent.

The Metropolitan Division ROVER (506.8375 Mhz) is now operational for routine traffic.

From CLIFF (CA-AL-029):

CAL TRANS DISTRICT #4

HEADQUARTERS:
150 OAK ST.
SAN FRANCISCO, CAL. 94102
PO box 3366 RINCON ANNEX 94119

FREQUENCY:

47.02	(WHITE)	NORTH DISTRICT FREQ.
47.04	(BLACK)	SOUTH DISTRICT FREQ.
47.06	(BROWN)	EXTRA-not used very much-
453.85		BRIDGES
453.95		BRIDGES SAN MATEO/HAYWARD--BAY BRIDGE--DUNBARTON ANTIOCH/MARTINEZ--RICHMOND/SAN RAFAEL BENICIA/CAR

DISPATCH:

MAIN DISPATCH FOR DISTRICT FOUR(4) IS AT THE TOP OF THE CALDECOTT TUNNEL. THIS LOCATION DOES ALL THE DISPATCHING AFTER 4:00pm WEEKDAYS, AND 24hrs DURING HOLIDAYS AND WEEKENDS. IT DISPATCHES THE ENTIRE DISTRICT FOUR (4). DURING REGULAR DAY HOURS, WEEKDAYS, EACH MAINTENANCE STATION DISPATCHES ITS OWN EQUIPMENT. THE DISPATCH LOCATION ON TOP OF THE CALDECOTT TUNNEL IS IDENTIFIED AS "BROADWAY". THE OTHER MAINTENANCE STATION/DISPATCH POINTS ARE AS FOLLOWS:

SAN FRANCISCO (DISTRICT OFFICE)
SAN LEANDRO SHOP (VEHICLE MAINT.) marina blvd (not a dispatch point)
BAY BRIDGE
SAN LEANDRO
FOSTER CITY
PETALUMA
SAN JOSE
ALEMANY
OAKLAND
WALNUT GREEK
POTRERO
BRIDGES
TUBES/TUNNELS
DIVISION OF COMMUNICATIONS (not a dispatch point)

RADIO IDENTIFIERS:

ALL RADIO IDENTIFIERS BEGIN WITH "4", MEANING DISTRICT FOUR(4). SUBSEQUENT NUMBERS IDENTIFY TITLES,AND OR EQUIPMENT.

EXAMPLE: 4-3-13=

4= DISTRICT 4
3= SAN LEANDRO MAINTENANCE STATION
13= STENCIL TRUCK

the only exception to the above, are COMMUNICATIONS DIVISION PERSONNEL.

EXAMPLE: DC-409=

DC= DIVISION OF COMMUNICATIONS
409=MILL VALLEY

CAL TRANS USES A 10 CODE, AND THE NORMAL POLICE PHONIC ALPHABET. THEY ALSO HAVE SPECIAL "CONDITION" TERMINOLOGY AS FOLLOWS:

CONDITION "RED"= EMERGENCY TRAFFIC ONLY

CONDITION "YELLOW" URGENT TRAFFIC ONLY

CONDITION "GREEN" NORMAL TRAFFIC

NOTE: Numerous listings of unit numbering systems for CalTrans District 4 offices will appear in the next 2-3 RCMA Newsletters. Unit numbering systems for other areas are in demand. Anyone with this info, send it to P.S. California editors and it will be printed for all to use. Thanks. ERIC (CA-LA-045).

ALAMEDA COUNTY E.M.S. SYSTEM

FREQUENCY: 155.400 ("C" MED NET)

ALAMEDA COUNTY is divided into nine (9) zones, for ambulance responce, and MEL .NET use. The city of ALBANY IS the only ALAMEDA COUNTY city not involved in this system. (the reason being, that ALBANY has its own ambulance (city), and hospital--if ALCO MED got involved in their emergencies it would only delay the responce time)

ZONE ONE(1)= BERKELEY-RADIO IDENTIFICATION NUMBERS 10 thru 19
* ZONE TWO(2)= UPPER OAKLAND-RADIO IDENTIFICATION NUMBERS 20 thru 29
ZONE THREE(3)=ALAMEDA-RADIO IDENTIFICATION NUMBERS 30 thru 39
** ZONE FOUR(4)=LOWER OAKLAND-RADIO IDENTIFICATION NUMBERS 40 thru 49
*** ZONE FIVE(5)
*** SIX(6) = COMBINED SAN LEANDRO/HAYWARD/CASTRO VALLEY-RADIO IDENTIFICATION NUMBERS ARE AS
*** SEVEN(7) FOLLOWS 50 thru 59/60thru69/70 thru 79
**** ZONE EIGHT(8)= NILES/UNION CITY/FREMONT/NEWARK-RADIO IDENTIFICATION NUMBERS 80 thru 89
*****ZONE NINE(9)= ALAMEDA COUNTY EAST OF EDEN CANYON RD. (castro valley)-RADIO IDENTIFICATION NUMBERS 90 thru 99

IF "RESCUE-XX is heard? it is a fire department vehicle.

*= ACME AMBULANCE SERVICE (155.16)
**= ALLIED AMBULANCE SERVICE (47.62)
***=VALLEY AMBULANCE SERVICE (47.46)
****=FREMONT AMBULANCE SERVICE (47.50)
*****=FREMONT/TRI-CITIES AMBULANCE SERVICE (47.50)

ALAMEDA COUNTY HOSPITALS IN THE "C" MED NETWORK

#1	WASHINGTON	#10	OAK KNOLL NAVAL HOSPITAL
#2	EDEN	#11	ALTA BATES
#3	KAISER HAYWARD	#12	CHILDRENS HOSPITAL OAKLAND
#4	KAISER OAKLAND	#13	PACIFIC TREATMENT CENTER
#5	KAISER FREMONT (CLINIC)	#14	HERRICK MEMORIAL
#6	HIGHLAND	#15	MERRIT
#7	OAKLAND	#16	PERALTA
#8	VESPER SAN LEANDRO MEMORIAL	#17	ST. ROSE HAYWARD
#9	V.A. HOSPITAL LIVERMORE		

AMBULANCE SERVICES WITH "C" MED FREQUENCY----BUT NOT PART OF THE "C" MED SYSTEM

PACIFIC AMBULANCE	(461.125)
BOBS AMBULANCE	(47.50)
FIELDS AMBULANCE	(45.95)
SUMMIT AMBULANCE	(155.175)
AMERICAN AMBULANCE	
PATIENT CARE SUTTLE	(47.58)

From DAVID (CA-SF-025):

MORE ON MARIN COUNTY:

MARIN HUMANE SOCIETY
Location: 171 Bel Marin Keys, Novato
Frequency: 45.64
Dispatcher: County Com Center, San Rafael (Control 5)
Unit Call System: numeric-alpha-numeric 30(Humane Society)L(Patrol)
eg: 30L4 is a Humane unit.

MORE ON MARIN PDS:
K: corporal; P: meter enforcement; J: juvenile(?)
(eg: 10P1 is a Sausalito meter maid) (See July 82 RCMA pp.65-6.
MORE NEW CODES:
10-87-meet officer at location(specify); 10-10-give your location.
10-97-on scene; 5150-mental case; Code 5: investigation; 10-26: clear on file check; Code 7: out of service; Code 6: run check on person.
10-27: run CDL check; 11-86: traffic stop; 11-48 transportation of a person; 11-55 serving legal papers; 10-65A missing adult case; 10-33 is alarm sounding; Code Blue-emergency; 10-55 coroner case; 10-39 advise conditions at scene.

BASE STATIONS:
County Com dispatches for Ross PD on 39.44 and ids as Control 29.
County Com Control 50 is all channels APB on all frequencies.
FIRE DEPTS:
Most Marin fire depts are on 46.5 and dispatched by County Com.
County identifies as Control 6 and has ability to talk to local PDs
on the appropriate PD frequency.

FISH & GAME:
In S.F. Area is on 151.4150. The base station is located in Yountville
(Napa County).

U.C. HASTINGS:
Hastings Law College is a part of the U.C. System. Their department of
Safety and Security broadcast on 461.3000. Their 10-code system is also used
by San Francisco units of California State Police and U.C.-San Francisco.
Except for 10-codes, all other codes are like SFPD (eg. 811, 914). See
RCMA April 1982 p. 74 and June 1982 p. 39.
10-5 Relay message; 10-13 advise conditions at scene; 10-14 escort; 10-15
prisoner in custody;10-28 start detex; 10-19 enroute to; 10-21 phone;
10-36 emergency notification; 10-44 entry blocked; 10-47 FIRE ALARM;
10-50 request supervisor; 10-51 give discription of subject; 10-55
take a report at; 10-60 make periodic checks; 10-61; all secure;
10-64 unlock door; 10-64A; lock door; 10-65 check lobby area; 10-66
observe only; 10-67 maintenance report (give where); 10-68 open area
at____; 10-69 safety hazard at____; 10-69A fire hazard at___;
CODE 13 activate major disaster plan; CODE 14 resume normal operations

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L.A.U.S.D. communications

The Los Angeles Unified School District maintains an extensive communications system on wide variety of frequencies. The old "shared" system with the Red Cross has been disbanded. The School District has about 1400 buses on 800 MHz. The frequencies are:

BUSES	808.3125	853.3125
	808.3375	853.3375
	808.3625	853.3625
	808.3875	853.3875
	808.4125	853.4125

L.A.U.S.D. has the fourth largest police force in L.A. county, and the second largest school force in the country. The security agents are sworn peace officers; most of them receiving their training at the Sheriff's academy in East L.A. There are two main sections in the L.A.U.S.D. force:

1) Campus Security Agents use 457.525. It is simplex, and each secondary school (those are the schools with agents) has a base station (about 1.5 watts).

2) Patrol Agents use 453.80 (everyone remembers that old frequency) for dispatching and car-car communications. There is a tremendous amount of activity on this channel, and sometimes listening to it can be interesting. Patrol agents currently patrol in suits and dark-blue undercover vehicles, but will going to uniforms and marked cars shortly.

Paging for area administrators and other persons is done on 464.25 off a repeater. Finally, FCC files show a license (KP6803) on 154.60, but I do not know what is the exact usage of that frequency.

Wayne Smith (CA-LA-119)

From ERIC (CA-LA-045): Information taken from Southern California Police Call

FIRE DEPARTMENT-City Of Los Angeles
Radio System

O.C.D. --- Operations Control Division (Dispatch Center)

Freq. 1	506.3125	R	Fireground
Freq. 2	506.5375	R	"
Freq. 3	506.9125	R	"
Freq. 4	507.1375	R	Rescue Ambulances
Freq. 5	506.6375	R	Fireground
Freq. 6	507.0125	R	"
Freq. 7	33.70	BM	Dispatch: South of Mulholland
Freq. 8	33.82	BM	Dispatch: Valley
Freq. 9	33.90	BM	Dispatch alternate (Digicom)
Freq. 10	33.94	BM	Dispatch alternate
Freq. 11	33.60	BM	Command 1
Freq. 12	33.48	BM	Command 2 (Digicom)
Freq. 13	33.52	BM	Command car to car
Freq. 14	33.86	BM	Mutual Aid (Digicom)
	154.280	BM	State White Mutual Aid (Battalion Chiefs)

Note: Some frequencies listed above may not be in use or use is somewhat limited. The primary ones to listen to are Freq. 7 (33.70) and Freq. 8 (33.82), plus UHF Fireground channels. Los Angeles City Fire Department dispatches by a hardwire in-house teletype system. Dispatches are put over the air generally only when the fire equipment is away from the station.

VHF Marine

Send information, articles, frequencies and their use, and questions that relate to private, commercial, and Coast Guard VHF maritime and inland waterways radio communications to:

Emmett L. Baxter, Jr., 424 W. 22nd St., Norfolk, VA 23517

Greetings! Welcome to your VHF MARINE Column.

Greetings! Welcome to your VHF MARINE Column.

I would like to introduce myself to you. My name is Emmett Baxter and I am 43 years old. I work for an Interior Decorating Firm here in Norfolk. My hobbies are Stamp Collecting and Radios. I have several programmable Scanners and Short-wave Receivers. I also have an Info-Tech RTTY/CW Decoder/Reader. Soon I hope to purchase an Unscrambler for my Scanners.

I would like to thank Rod O'Connor for a job well done as the past Editor of this column.

As you know, this or any column depends on your input. The main purpose of this and any column is the exchange of information. This information has to come from you. Be proud of your club and support this and all columns of your interest.

Since I have not received any information, I will describe some of the Marine activity in my area.

Coast Guard: 156.800 & 157.175 (Working)
Pilot Boats: Virginia - for ships bound into Hampton Roads.
Maryland - for ships bound to Baltimore.
These boats answer calls on channel 16 (156.800) and switch to a working frequency. Most of the time the working channel is #14 (156.700).

The cities of Norfolk, Virginia Beach, Portsmouth, Hampton, and Newport News all have their own Police Boats that patrol their respective areas.

The Coast Guard Auxiliary is also very active to support the Coast Guard in patrolling the lower Chesapeake Bay. Most of the Highway and Railroad Bridges in this area also guard Channel 13 (156.650). This is very useful since several of the bridges open only at the top of the hour.

The Marine Operator operates on the following frequencies: Channel 25 (161.850), 26 (161.900), 27 (161.950), and is also being fitted out for Channel 84 (161.825).

The Coast Guard is always interesting listening. For example, Coast Guard Station Little Creek talking to one of its station boats CG-30530. This boat is being sent out on a Search & Rescue case as I am writing this column. Most of these station boats have 25 watt sets aboard. Most times you can hear both sides of the conversation.

Also, when boats are in distress, you may be able to hear tham as they call for help on Channel 16 (156.800). Channels 68 (156.425) & 70 (156.525) are favorite listening spots for traffic between non-commercial vessels.

Commercial vessels can be heard on such frequencies as Channel 9 (156.450), 12 (156.600), 18 (156.900), and others.

The Navigation Channel is 13 (156.650). This channel is used for bridge-to-bridge communications on such matters as on which side to pass, etc. This channel is also used to communicate with bridges and locks in our area.

The Coast Guard broadcasts all Marine Information Broadcasts on Channel 22-A (157.100). Only urgent broadcasts occur on any other channel. They are broadcast on Channel 16.

The following is a partial list of Marine Related Businesses:

Exxon Oil Co. - 156.450, 156.800
McAllister Brothers Towing Co. - 156.500, 156.800
Shawns Launch Service - 156.600, 156.800, 156.900
Shore Drive Marina - 156.425, 156.800
Harbour Tours - 156.500, 156.800
Bubba's Marina - 156.800, 156.975
Warwick Yacht Club - 156.425, 156.800
Seaford Scallop Co. - 156.450, 156.800
Fass Brothers Seafood - 156.350, 156.800

Please note that all of the above frequencies were obtained from 1981 FCC Microfiche. They are Marine Frequencies only.

Well that's about it for this month. I hope to hear from a lot of you members on Marine Information in your areas. If you have any questions or advice, please feel free to write. I will answer all letters.

73's

NEW MEMBERS LIST

AK 005 GOSNELL, FRANK;P.O.BOX 503;OZARK, AK 72949
AL 024 HICKEY, JOHN S JR;2509 STONEBRIDGE RD;DOTHAN, AL 36301
AZ 049 PARKER, DAVID P;10614 PLEASANT VALLEY RD;SUN CITY, AZ 85351
AZ 050 COLSON, WILLIAM C;1536 W HAZELWOOD;PHONEX, AZ 85015
AZ 051 SCHREINER, GEORGE S;P.O. BOX 1421;SIERRA VISTA, AZ 85635
CAHU005 FREHE, DAVID;P.O. BOX 293;FORTUNA, CA 95540
CAKE018 CANADAY, GEORGE M;4512 CORONADO;BAKERSFIELD, CA 93306
CALA505 LAVETTS, STEVEN * ADDRESS WITHHELD BY REQUEST
CALA506 RUMER, JOHN F;22276 SCHOENBORN ST;CANOGA PARK, CA 91304
CALA507 ANDRUS, DAVE;641 N GARTEL DR;WALNUT, CA 91789
CALA508 DOWNS, K.;620 ILLINOIS COURT -17;EL SEGUNDO, CA 90245
CALA509 ENTIN, KENNY;12849 BLOOMFIELD ST APT 5;STUDIO CITY, CA 91604
CAOR247 DOIDGE, ROBERT;749 ST ANN'S DRIVE;LAGUNA BEACH, CA 92651
CAOR248 MARX, PETER T;2460 N HELIOTROPE DR;SANTA ANA, CA 92706
CASB054 KASTER, GEORGE JR;3444 FERNDALE;SAN BERNARDINO, CA 92404
CASC037 SEDLACEK, MATHEW M;910 ROCKERFELLER 9B;SUNNEYVALE, CA 94087
CASD054 MC DONALD, J PATRICK;P.O. BOX 393;VISTA, CA 92083
CASD055 PATTERSON, DONALD E;1040 VALE VIEW DR;VISTA, CA 92083
CASF029 PLEAK, ROBERT O/SFSU ADMISSIONS;1600 HOLLOWAY AVE;
SAN FRANCISCO, CA 94132

CASM023 SANTIAGO, ANTHONY;2 BROMLEY COURT;DALY CITY, CA 94015
CASM024 ACEVEDO, E ANDRES;1920 AVY AVE;MENLO PARK, CA 94025
CASN007 BUCKINGHAM, EMILIE;2791 MCBRIDE LANE 146;
SANTA ROSA, CA 95401
CASZ005 DEVON, ROBERT T;3534 MIAMI ST;SACRAMENTO, CA 95821
CO 038 CHEEK, WILLIAM D;235 PIKE ST;GOLDEN, CO 80404
CT 072 CRAFTON, DENHAM II;2 ELD STREET;NEW HAVEN, CT 06511
FL 159 BERG, ALBERT L JR;6150 GULFPORT BLVD SO A206;
ST. PETERSBURG, FL 33707
FL 160 SEEWALD, WALTER;P.O. BOX 878;HOBE SOUND, FL 33455
FL 161 HILL, DAVID;4906 B 18TH ST WEST 13;BRADENTON, FL 33507
FL 162 SEEWALD, WALTER;P.O. BOX 878;HOBE SOUND, FL 33455
FL 163 GRESHAM, J.W.;13612-204 S VILLAGE DR;TAMPA, FL 33624
FL 164 CHAHINE, NASIM;1228 WEST AVE APT 901;MIAMI BEACH, FL 33129
GA 047 WHITMIRE, S.D.;P.O. BOX 754;WOODSTOCK, GA 30188
IA 037 FRIES, HENRY (BUCK);1008 2ND AVENUE SO;CLINTON, IA 52732
IA 038 HARTMAN, MISS MARY ANNA;114 NORTH 4TH STREET;
CLINTON, IA 52732
IA 039 HERRICK, GEORGE;1231 OLIVE STREET;CARROLL, IA 51401
IA 040 HERRICK, GEORGE;1231 OLIVE ST;CARROLL, IA 51401
ID 010 SHINN, JEFF;7275 CASCADE DR;BOISE, ID 83704
IL 244 BLANCHFIELD, T.M. * ADDRESS WITHHELD BY REQUEST
IL 245 BRHEL, RICHARD;1100 DUNLOP AVENUE;FOREST PARK, IL 60130
IL 246 OATMAN, CHRIS;608 KINLOCK;COLLINSVILLE, IL 62234
IL 247 OATMAN, CHRIS;608 KINLOCK;COLLINSVILLE, IL 62234
IN 071 WINKLER, STEVE;2321 HADLEY ROAD;MOORESVILLE, IN 46158
KS 031 DAVIDSON, STEVE;12635 WEST 105TH ST;OVERLAND PARK, KS 66215
MA 126 CORLISS, PETER H * ADDRESS WITHHELD BY REQUEST
MA 127 RAPOSA, PETER J;361 MADISON ST;FALL RIVER, MA 02720
MA 128 KETTEL, JEFFREY;3 ASHWORTH AVE;BRAINTREE, MA 02184
MA 129 RAYMOND, R JR;23 EASTFORD RD;AUBURN, MA 01501
MA 130 KETTELL, JEFFREY;3 ASHWORTH AVE;BRAINTREE, MA 02184
MD 073 LAFON, ROSELYN;P.O. BOX 238;SAVAGE, MD 20763
MD 074 PARRISH, CHARLENE;20202 MIDDLETOWN RD;FREELAND, MD 21053
MD 075 MASON, ROBERT;P.O. BOX 2552;LAUREL, MD 20708
MI 120 BECK, THEODORE J;12598 GITRE;DETROIT, MI 48205
MI 121 KRUM, GEORGE;1014 SHERIDAN DR;KALMAZOO, MI 49001
MO 074 BROWN, ROY A JR;P.O. BOX 2408;PLATTE CITY, MO 64079
MO 075 MARTINS C.B.SALES+SERVICE;P.O. BOX 126;ALEXANDRIA, MO 63430
MO 076 SCHAUB, TERRY;864 HODIAMONT;ST LOUIS, MO 63112
MO 077 GRIMES, R / CSA ENTERPRISES;RT 1 BOX 128;PONTIAC, MO 65729
MO 078 SCHAUB, TERRY;864 HODIAMONT;ST LOUIS, MO 63112
MS 023 ROMAN, CHESTER F WDX9JZ;ROUTE 1 BOX 243;BEAUMONT, MS 39423
NB 011 CLARY, JAMES L;225 N GRANDVIEW;PAPILLION, NB 68046
NH 022 BEIKMAN, STEPHEN;RR2 BOX 523-D;ATKINSON, NH 03811
NJ 162 GODFREY, GLENN A;4 MT LAUREL RD;MT LAUREL, NJ 08054
NJ 163 GASPER, ANDREA;131 TUELLA AVENUE;ELMWOOD PARK, NJ 07407
NY 229 DOROS, JERROLD;420 E 72ND ST;NEW YORK, NY 10021
NY 230 JURGENS, ROBERT C;511 MAIN ST;GREENPORT, NY 11944
NY 231 LYONS, ROBERT S JR;10 NEW COTLAND AVE;ALBANY, NY 12208
NY 232 STREETER, FRANK A;4 COLUMBUS ST;SCHENECTADY, NY 12308
NY 233 BELL, RICHARD P;125 HUGHES PL;SYRASUSE, NY 13210
NY 234 GIWERTZ, PHILIP;106 20 SHORE FRONT PKWY;
ROCKAWAY PARK, NY 11694
NY 235 DUDLA, GEORGE J;5704 FARRAGUT RD 3A;BROOKLYN, NY 11234
OH 139 GILBREATH, SCOTT;P.O. BOX 95;UTICA, OH 43080
OR 058 BALDWIN, THURMAN;24065 YAMHILL RIVER RD;WILLAMINA, OR 97396
OR 059 RIES, RICHARD;43 DELMAR DR N;SALEM, OR 97303
PA 176 BAREIS, DAVID;108 MANCHESTER DR;IRWIN, PA 15642
RI 018 STANLEY, ELMER W;P.O. BOX 108;N SCITUATE, RI 02857
TX 119 WELLS, MIKE;2640 VIA CORDOVA;CARROLLTON, TX 75006
TX 120 JONES, R.W.;4011 OLD GALVESTON RD;HOUSTON, TX 77017
TX 121 HAMILTON, BROCK * ADDRESS WITHHELD BY REQUEST
TX 122 HALPIN, PAT;P.O. BOX 20442;SAN ANTONIO, TX 78220
VT 004 PIERCE, LARRY J;P.O. BOX 153;PUTNEY, VT 05346
WA 041 GRAHAM, RON JR;BOX 53;EXXEX, WA 01929
WI 059 PICKERING, RANDY L;7855 W COVENTRY DR;FRANKLIN, WI 53132
CANA091 DUBINSKY, HOWARD;1228 KERWOOD CRES S.W.;
CALGARY TV2 2N6 CANADA
CANA092 WILKE, MIKE;14566 CHARTWELL;SURREY BC V3S 5E4 CANADA
CANA093 POTTER, MARTIN H;RR 1 BOX 43 LIMOGES;
ONTARIO K0A 2M0 CANADA

FAQ'S

The R.C.M.A. Board is taking this opportunity to answer the many letters of inquiry we have had on the following topics.

MEMBERSHIP CARDS AND BADGES

The R.C.M.A. has no badges, decals, or membership cards for sale or distribution. The label on your newsletter is your membership card. Other clubs may have several gimmics or commercial good deals. Our good deal is the newsletter, which you as members get to write.

MEMBERSHIP RENEWAL DATE

The date printed by your membership number on your label shows the last month of your current membership. You should renew by this date to insure continuous reception of the newsletter.

Several misunderstandings have occurred due to the fact the newsletter we mail this month is carrying a cover date of next month. The advanced date is used to allow USPS to deliver your newsletter to you on time. Your letter is mailed approximately four days after the monthly board meetings.

PRORATED MEMBERSHIPS

To save postage and other complications, if your original membership application was not accompanied by the correct amount. You received a prorated membership label of less than 12 months. Please do not send in the extra amount to finish the year, just renew when your prorated date comes up.

SPECIAL FREQUENCY REQUESTS

Contact your local R.C.M.A. group for frequencies in your area or use the contact column of the newsletter. We are not yet set up for a national distribution of frequencies. We have discussed this possibility, but the current logistics of the newsletter has stopped us. Ultimately the big picture would include copies of the F.C.C. and I.R.A.C. data bases, a fast computer, and software to select and sort in any order. e.g. Frequencies along route 66 from Chicago to Tulsa in order of the cities passed. Should anyone want to bluesky on this announce your intentions in the Contact Column. We will get there. The Auto Club can plan a road trip, we should be able to give you a frequency map someday....

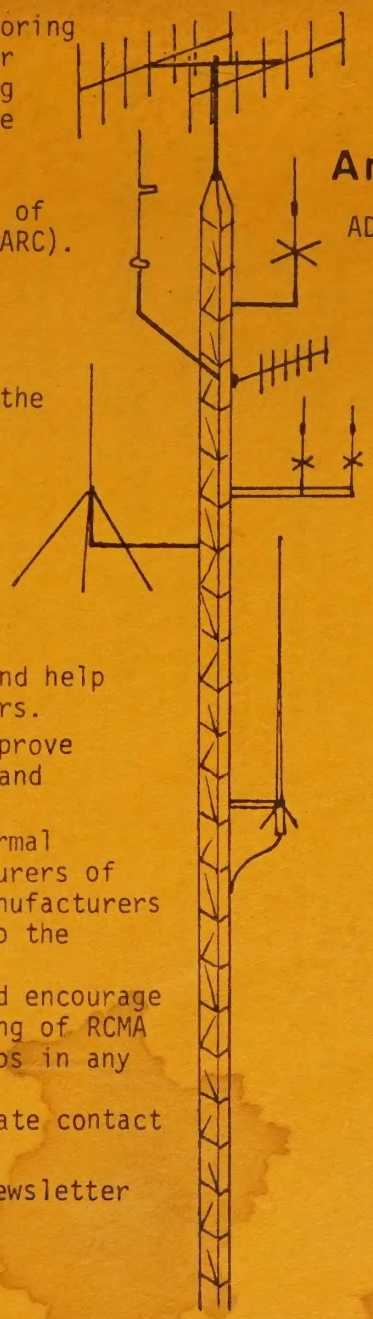
MATERIAL FOR EDITORS

Please send frequency reports and comments directly to the appropriate editor. Until we get the big data base system, the use of a central distribution P.O. Box for everything has lots of delays.

The Radio Communications Monitoring Association is a radio club for persons interested in listening to two-way communications above 30 MHz as a hobby. RCMA was founded in May 1975 and is a Full Member of the Association of North American Radio Clubs (ANARC).

The goals of RCMA are:

1) To provide a fraternity for those who seriously pursue the hobby of monitor radio listening.
2) To try to be knowledgeable about two-way radio systems and operations.
3) To promote an understanding of the legal and ethical uses of monitor receivers.
4) To share information with and help other monitor radio listeners.
5) To try to understand and improve receivers, antenna systems and related equipment.
6) To offer suggestions and formal recommendations to manufacturers of monitor receivers and to manufacturers of other products related to the hobby.
7) To offer suggestions for and encourage the organizing and conducting of RCMA meetings and tours for groups in any geographic area.
8) To encourage and to facilitate contact between members.
9) To publish a regular club newsletter devoted to the hobby.



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